S
625.704
H3Fe
1976
Aug. 2

Montana State Library
3 0864 1006 6398 1

MONTANA HIGHWAY DEPARTMENT

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

AUGUST 2, 1976

MONTANA
DIVISION
CONSTRUCTION
SECTIONS
LEGEND
Billings DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
H J Andersen, Director
Department of Highways
BRITISH COLUMBIA
DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
NORTH DAKOTA
SOUTH DAKOTA
WYOMING
LINCOLN
FLATHEAD
GLACIER
TOOLE
LIBERTY
HILL
PHILLIPS
DANIELS
SHERIDAN
VALLEY
ROOSEVELT
BLAINE
PONDERA
SANDERS
LAKE
TETON
CHOUTEAU
RICHLAND
McCONE
MINERAL
MISSOULA
LEWIS AND CLARK
CASCADE
FERGUS
PETROLEUM
GARFIELD
DAWSON
JUDITH BASIN
PRAIRIE
WIBAUX
POWELL
GRANITE
MEAGHER
WHEATLAND
GOLDEN VALLEY
MUSSELSHELL
ROSEBUD
FALLON
RAVALLI
DEER LODGE
SILVER BOW
JEFFERSON
BROADWATER
GALLATIN
SWEET GRASS
STILLWATER
YELLOWSTONE
TREASURE
CUSTER
CARTER
POWDER RIVER
BIG HORN
CARBON
PARK
MADISON
BEAVERHEAD
Billings
Missoula
Great Falls
Helena
Butte
Glendive

RECEIVED
JUL 30 1976
CONSTRUCTION BUREAU

MONTANA DEPARTMENT OF HIGHWAYS
MISSOULA, MONTANA
JULY 30, 1976

Montana Department of Highways
Helena, Montana

Progress Report
Area 1130

Gentlemen:

The following report is submitted covering construction and preconstruction operations in Area 1130 for the period ending July 30, 1976:

G E N E R A L

Skies have been mostly clear, temperatures moderate, and precipitation light the past two weeks. Progress has been fair.

P R E C O N S T R U C T I O N

I 90-1(12)22, Drexel - East & West — VTN, Inc., Consultant
Bridge Design — Helena, Montana
Work is continuing on the design plans. The contract remains 85% complete.

I 90-1(12), Drexel - East & West — Menasco-McGuinn Associates
Length - 5.8 Miles — Helena, Montana, Consultants
There has been no word from the consultants.

I 90-1(13)39-43, Sloway - East & West — Henningson, Durham & Richardson
I 90-1(40)43-47, Superior - West — Helena, Montana, Consultants
F 254(10), LaVista - Superior Primary — Est. Comp. Date - Oct. 31, 1976
Work is continuing on earthwork balance and miscellaneous details on Superior - West, and the necessary revisions on the Superior structures are being made. The line change on the LaVista - Superior primaryis being reviewed. The roadway section of the contract is 84.7% complete, bridge section 99.9%, and the total contract, as a unit, remains 94% complete.

I 90-1(77)22, Drexel - East & West — L. D. Claridge, Field Proj. Mgr.
Length - 5.342 Miles - Construction Staking — St. Regis, Mont., Phone 649-2471
Construction layout remains 28% complete. Personnel are currently working on other assignments.

RS 4(10) State Route 269 - Stevensville — Personnel Unassigned
Length - 0.5± Mile, Preliminary Engineering
Work will be started when personnel are available.

RF 192(9) Arlee - Safety — Personnel Unassigned
Topog Survey
Work will be started when personnel are available.

F 197(8), Dixon Ravalli — Personnel Unassigned
Length - 8.5± Miles, Preliminary Engineering
Work will be started when personnel are available.

F 219(36), DeSmet - Evaro — C. W. Hegman, Field Proj. Mgr.
Length - 5.3 Miles — Missoula, Mont., Phone 549-6491
Survey Started Dec. 18, 1975 — Est. Comp. Date - Pending
Work has been temporarily suspended. The survey remains 96% complete.

S 221(3), Thompson Falls - West — H. J. Smith, Designer II
Length - 4.3 Miles — Missoula, Mont., Phone 549-6491
Additional topog was taken on Evans Creek, and work is currently underway on the line projection in this area. Minor P. I. H. changes are being made. The design is 52% complete.

S 221(7), Thompson Falls - West — H. J. Smith, Designer II
Length - 4.31 Miles — Missoula, Mont., Phone 549-6491
Work is currently underway on P. I. H. changes, checking of quantities, and inking of summaries and plan sheets. The design is 85% complete.

RF 223(6), Plains - Paradise — Personnel Unassigned
Length - 6.9± Miles, Preliminary Engineering
Work will be started when personnel are available.

RS 360(3), Rattlesnake Creek Bridge, Missoula — Personnel Unassigned
Length - 0.1± Mile, Preliminary Engineering
Work will be started when personnel are available.

RS 360(4), Intersection of Rattlesnake Drive & Lincolnwood, Missoula — Personnel Unassigned
Preliminary Engineering
Work will be started when personnel are available.

M 8107(1), North Orange Street - Missoula — Personnel Unassigned
Length - 0.8 Mile, N. Orange to Broadway from I 90 Interchange
Work will be started when personnel are available.

M 8114 - Missoula — Personnel Unassigned
5th to 6th to 7th Streets
Work will be started when personnel are available.

M 8199(3), Missoula Intersections — Personnel Unassigned
Preliminary Engineering
Work will be started when personnel are available.

C O N S T R U C T I O N

I 90-1(80), Lookout Pass - Saltese — Northwest Construction, Inc.
Length - 10.732 Miles, AGS-PMS-G. Rail-Sign — Kirkland, Wash., Contractor
Contract Awarded May 6, 1975 — C. R Owen, Field Proj. Mgr.
Amount of Contract - $5,359,850.07 — Saltese, Mont., Phone 678-4346
Work Started June 30, 1975 — Contract Time - 200 Working Days
Work Proceed Date - May 28, 1975 — Prob. Comp. Date - Nov. 26, 1976
Progress has been fair the past two weeks. The 8" pavement has been completed on the eastbound lane and the ramp tapers adjacent to the eastbound slab have been poured. Gravel surfacing of shoulders, top surf. 3/4" Gr. 2A, is being started between Sta. 225+00 and 578+82.2. Oil mat is being laid on the right shoulder of the eastbound lane from Sta. 12+00 to 225+00. Guard rail removal is being accomplished

at the bridge ends. Washing, screening and stockpiling of concrete aggregate are continuing. There was a one-week delay in placing of cement because of material at the wash plant failing to meet specifications. The project as a whole is 50% complete with 53% of the contract time elapsed. Ninety-six men are working shifts of various lengths. Construction layout, with a 26-man engineering crew engaged, is 50% complete. Paving of the westbound lane is scheduled to be started about August 6, 1976.

I 90-1(50)16, U-1 & I 90-1(52)11, U-1
DeBorgia - East & West & Saltese - Haugan
Length - 10.828 Miles, GR-AGG. SURF.-PMB
Contract let Dec. 14, 1972
Amount of Contract - $5,533,558.78
Work Started Feb. 15, 1973
Washington Construction Co.
Missoula, Mont., Contractor
Carl E. Smith, Field Proj. Mgr.
St. Regis, Mont., Phone 649-2382
Contract Time - 350 Calendar Days
Prob. Comp. Date - Aug. 6, 1976

Work completed the past two weeks consisted of placing of bituminous curb, striping, and covering of the MC-250 and CRS-2 material with 1/2" cover material. There has been general cleanup. The project as a whole is 99% complete with 99% of the contract time elapsed. Eight to 12 men have been working five 8-hour shifts per week. Construction layout, with a 6-man engineering crew engaged, is 99% complete.

I 90-1(77)22, U-1, Drexel - East & West
Length - 455.0-Ft. & 638.0-Ft. Composite Steel & Girder Bridge over St. Regis River
Contract let July 2, 1975
Amount of Contract - $2,282,935.00
Work Started Aug. 19, 1975
Hensel-Phelps Const. Co.
Vancouver, Wash., Contractor
W. L. Liles, Field Proj. Mgr.
Superior, Mont., Phone 649-2471
Contract Time - 140 Working Days
Prob. Comp. Date - Oct. 29, 1976

Progress has been fair. At Sta. 183+57, Bent 2, driving of piling was completed and forming is underway for footings. At Bent 3, concrete was placed for footing seals and for the center and left footings. Placing of concrete for the right footing at Bent 3 and for one footing at Bent 2 is expected to be accomplished this week. The project as a whole is 24% complete with 84% of the contract time elapsed. Approx. 15 men have been working five 10-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 65% complete.

I 90-1(77)U-2, Drexel - East & West
Length - 0.5 Mile, Grading & Detours
Contract let June 10, 1976
Amount of Contract - $1,453,180.88
Work Started July 6, 1976
Work Proceed Date - July 6, 1976
Washington Construction Co.
Missoula, Mont., Contractor
L. D. Claridge, Field Proj. Mgr.
St. Regis, Mont., Phone 649-2471
Contract Time - 120 Working Days
Prob. Comp. Date - July 1, 1977

Work the past two weeks consisted of preparing the Camel's Hump detour (placing signs and re-striping), and clearing of timber in the work area from Sta. 154+00 ahead to the mainline. The Camel's Hump detour was oepned to traffic on 7/28/76. The project as a whole is 2% complete with 12% of the contract time elapsed. Five 8-hour shifts are being worked per week by 11 men. Construction layout, with a 2-man engineering crew engaged, is 75% complete.

I 90-1(59)35, U-2, Sloway Interchange
Length - Dual 128.0-Ft. Prestressed Concrete Girder Overpass
Contract let May 15, 1975
Amount of Contract - $324,775.51
Work Started July 2, 1975
Work Proceed Date - June 26, 1975
Completion date is subject to final inspection and acceptance.

Hightower & Wallace Const. Co.
Missoula, Montana, Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 130 Working Days
Completed - July 30, 1976

I 90-1(87)45, Superior - West
Length - 544.5-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork River
Amount of Contract - $1,084,707.40
Work Started Aug. 25, 1975
Work Proceed Date - July 22, 1975
Contract let June 26, 1975
Contractor returned to project on July 19, 1976, and has started removal of the cofferdam at Pier 4. The project as a whole is 17% complete with 40% of the contract time elapsed. Five men are working five 10-hour shifts per week. Construction layout, with one engineer engaged, is 30% complete.

Hensel-Phelps Construction Co.
Vancouver, Wash., Contractor
George Roat, Field Proj. Mgr.
Superior, Montana
Contract Time - 250 Working Days
Prob. Comp. Date - April 30, 1977

I 90-2(51)78, U-3, Huson - West
Length - 1.020-Ft. Composite Steel & Concrete Girder Bridge over Clark Fork & Emb. Approaches
Contract let Aug. 16, 1974
Amount of Contract - $2,367,500.00
Work Started Oct. 9, 1974
Work the past week consisted of placing concrete for deck spans, 2 through 7. There was no work on the roadway. The project is 91% complete with 72% of the contract time elapsed. Fifteen men are working on five 12-hour shifts per week. Construction layout, with a 3-man engineering crew engaged, is 90% complete.

Hensel-Phelps Construction Co.
Burlingame, Calif., Contractor
Wm. C. Maart, Field Proj. Mgr.
Missoula, Mont., Phone 722-4461
Contract Time - 280 Working Days
Prob. Comp. Date - Oct. 30, 1976

RF 164(20), Philipsburg - South
Length - 7.7 Miles, PMB-Seal & Cover, Sign & Lighting
Contract let May 13, 1976
Amount of Contract - $591,661.11
Work Started May 26, 1976
Progress has been good the past two weeks. The contractor has completed crushing cover material and removed the crusher. Excavation and backfill of digouts has been completed, and 3" base and 3/4" cushion are being placed on approaches. All of the pipes have been installed and are complete. The project as a whole is 30% complete with 33% of the contract time elapsed. Fifteen men are working five 9-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 60% complete.

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - Sept. 15, 1976

RF 164(22), Flint Creek Hill, Granite County
Length - 0.5 Mile - Guardrail
Contract let April 29, 1976
Amount of Contract - $22,410.48
Work Started June 2, 1976
Work Proceed Date - May 24, 1976
The final data will be forwarded to Helena about August 20, 1976.

Frank Gurney, Inc. & Subsidiary
Spokane, Wash., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Completed - June 11, 1976

RF 186(9), Perma - East
Length - 3.6 Miles, PM-Surf-Seal-Cover-G.Rail
Contract let June 26, 1975
Amount of Contract - $402,977.50
Work Started Aug. 26, 1975
Work Proceed Date - July 22, 1975

Zook Bros. Construction Co.
Great Falls, Mont., Contractor
Allan Dutton, Field Proj. Mgr.
Philipsburg, Mont., Phone 859-3602
Contract Time - 90 Working Days
Prob. Comp. Date - Aug. 30, 1976

Seal and cover operations are scheduled for August 2, 1976. The project remains 93% complete with 87% of the contract time elapsed.

RF 215(23), Florence - Lolo &
F 259(16), Florence - North & South
Length - 9.344 Miles, G-GS-PMS, Sign & Fence
Contract let Sept. 19, 1973
Amount of Contract - $1,579,040.37
Work Started Oct. 24, 1973
Work Proceed Date - Oct. 16, 1973

Washington Construction Co.
Missoula, Mont., Contractor
Gerald Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 330 Calendar Days
Completed - Oct. 27, 1975

Final data are expected to be resubmitted to the Division office this week.

F 215(25) & F 9999(5), U-3, City of Missoula
Length - 6.8 Miles, Upgrade Surf.-Signs-Signals
Contract let Sept. 20, 1973
Amount of Contract - $175,736.13
Work Started Feb. 19, 1974
Work Proceed Date - Oct. 18, 1973

Rainbow Electric, Contractor
Great Falls, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Calendar Days
Completed - Nov. 18, 1975

Final data will be submitted to the Division office about Aug. 27, 1976. There has been no work the data the past two weeks.

HHS 219(1), FF 219(32) & HHS 219(35)
DeSmet Interchange - North, Evaro - North &
South & Evaro Hill - South
Length - 10.595 Miles, Missoula & Lake Counties
Contract let Feb. 26, 1976
Amount of Contract - $876,235.40
Work Started May 10, 1976
Work Proceed Date - April 16, 1976

McIntyre Const. Co. & S. Birch, Inc.
Great Falls, Mont., Contractor
C. W. Hegman, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 110 Working Days
Prob. Comp. Date - Sept. 21, 1976

Guard rail installation is underway on FF 219(32). On HHS 219(1), sub-excavating and gravelling for shoulder widening are in progress. There has been no work on HHS 219(35). The project as a whole is 65% complete with 50% of the contract time elapsed. Forty men are working five 9-hour shifts per week. Construction layout, with a 13-man engineering crew engaged, is 70% complete.

HHS 223(10), Plains
Chain Link Fence & Sidewalk Construction
Contract let May 27, 1976
Amount of Contract - $8,990.00
Work Started June 16, 1976
Work Proceed Date - June 22, 1976

Horswill Roofing & Gen. Con.
Deer Lodge, Mont., Contractor
Gary Eichert, Field Proj. Mgr.
Superior, Montana
Contract Time - 40 Working Days
Prob. Comp. Date - Aug. 13, 1976

Two days were spent the past week, setting steel posts for chain link fence in concrete. Fence fabric for chain link fence has been rejected for the second time. Project will be completed when the specified fence fabric has been located. The project as a whole is 65% complete with 60% of the contract time elapsed. One man worked five 8-hour shifts. Construction layout, with one engineer engaged, is 95% complete.

RS 343(12), Avon - Helmville
Length - 5.1 Miles, G-Agg. Surf.-PMB-Widen & Guardrail Revision
Contract let May 27, 1976
Amount of Contract - $1,168,747.12
Work Started July 7, 1976

Washington Construction Company
Missoula, Montana, Contractor
Gerald P. Tahija, Field Proj. Mgr.
Drummond, Mont., Phone 288-3280
Contract Time - 150 Working Days
Prob. Comp. Date - Aug. 15, 1977

The contractor has been clearing brush and trees from Sta. 640± to 780± and placing pipe at Sta/ 733+ and Sta. 639+/ The project as a whole is 0% complete with 8% of the contract time elapsed. Five men are working five 8-hour shifts per week. Construction layout, with a 7-man engineering crew engaged, is 65% complete.

M-RS 000S(51) & M 8199(2), U-1
Signing & Delineation - Missoula County
Contract let Sept. 30, 1975
Amount of Contract - $77,620.20
Work Started March 17, 1976
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 120 Working Days
Prob. Comp. Date - Aug. 30, 1976

There has been no work the past two weeks as the contractor is awaiting delivery of lighting materials. The project is 84% complete with 46% of the contract time elapsed. Two engineers are engaged on construction layout.

M 8107(2), City of Missoula
Signalization of Intersections
Contract let Sept. 30, 1975
Amount of Contract - $144,725.75
Work Started Nov. 17, 1975
Work Proceed Date - Oct. 22, 1975

Skinner Enterprises, Contractor
Helena, Montana
J. R. Williams, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 75 Working Days
Prob. Comp. Date - Aug. 27, 1975

There has been no work the past two weeks. The contractor is awaiting delivery of electrical supplies. The project is 67% complete with 52% of the contract time elapsed. Construction layout, with 2 engineers engaged, is 76% complete.

M 8199(2), U-2 & M-U 8199(4), Missoula
School crossings, Signing & Signalization
Contract let June 10, 1976
Amount of Contract - $106,132.00
Work Started July 20, 1976
Work Proceed Date - July 6, 1976

Western Sign Corp.
Great Falls, Mont., Contractor
J. E. Hughes, Field Proj. Mgr.
Missoula, Mont., Phone 549-6491
Contract Time - 60 Working Days
Prob. Comp. Date - Oct. 15, 1976

Installation of break-away stubs and conduit and laying of plastic striping in the City of Missoula are underway. The project is 15% complete with 2% of the contract time elapsed. Five men are working five 9-hour shifts per week. Construction layout, with a 2-man engineering crew engaged, is 20% complete.

Ben C. Miller, P. E., Supervisor
Division Construction Section

BCM:cn

REPORT NOT RECEIVED

FROM KALISPELL DIVISION

Department of Highways

Butte, Montana

July 29, 1976

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 2130

Gentlemen:

The following report covers construction and preconstruction operations in Division 2130 for the period ending July 27, 1976. The weather has been warm with rain showers and temperatures ranging from +40° to +88°.

P R E C O N S T R U C T I O N

RS 6(10)
Canyon Ferry Dam S.E.
Location Survey
3.507 Miles
Lewis & Clark and Broadwater Counties

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
October 22, 1976

Work on the Hardshell will commence when time permits. There has been a total of 198 man days expended to date. All items, with the exception of the Hardshell are 100% complete. Project as a whole is 90% complete.

I IG 15-3(13)157
Basin Boulder
Design
5.9 Miles
Jefferson County

Morrison-Maierle, Inc.
Consulting Engineers
Probable Completion Date:
March 14, 1977

The MDH Bridge Dept. was requested to evaluate existing bridges which may be used as part of the frontage and access road system. As yet we have no indication as to when this will be done. A proposal with estimated design costs is being prepared for submittal. The Design Study Report is being prepared. Project as a whole is 27% complete.

S 34(4) Section 2
Jackson - North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer II
Butte, Montana
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar and profile, plotting and inking the cross section, tracing the plan and profile linens and laying and computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

PRECONSTRUCTION

F 214(7)
Intersection of 11th Ave. and
Fee St.-Helena
Location Survey
0.00 Miles
Lewis and Clark County

Gerald S. Ditto, Manager
Field Project
Helena, Montana
Probable Completion Date:
Undetermined

Work on this project will commence when time permits.

F 249(18)
Helena West
Design
6.2745 Miles
Lewis & Clark County
Design Started: Dec. 7, 1970

VTN. Inc.
Helena, Montana
Probable Completion Date:
Undetermined

Updating Signing Plans. Submitted R/W brown lines to MDH on 11/18/75 for final office review. Received marked prints on R/W from MDH 12/02/75 and 1/08/76 for final corrections. Received Fencing and Utility Plans from MDH for final corrections. Received approval of Change Order for Design Study Report and Public Hearing 6/01/76. Design Plans are 90% complete. R/W plans are 95% complete. Project as a whole is 99% complete.

F 249(19)
Avon - Elliston
Location Survey
12.136 Miles
Powell County

Gerald S. Ditto, Field
Project Manager
Helena, Montana
Estimated Completion Date:
September 17, 1976

Survey has been suspended, temporarily, due to construction projects. There has been a total of 511½ man days expended to date. Line and Levels runs are 100% complete. Cross sections taken are 39% complete and topography is 40% complete. Project as a whole is 42% complete.

RS 250(3)
Gregson Road
Location Survey
2.9 Miles
Silver Bow County

Engineer: Unassigned
Probable Complete Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

RS 364(4)
Basin Creek Road
Location Survey
2.850 Miles
Silver Bow County

Raymond M. Grant
DesignerII
Butte, Montana
Estimated Completion Date:
Unknown

No work the past period. Field work on the project is 65% complete. Line and Levels

RS 364(4) Cont'd.
run, cross sections and topography taken are 100% complete. Section ties are 50% complete, hardshell and profile plotted are 75% complete. Design work on the project is 8.5% complete. Notes reduced and checked are 100%; cross sections plotted are 100% and cross sections inked are 40%.

RS 393(1)
West of Twin Bridges
Location Survey
1.0 Mile
Madison County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

S 442(1)
Grand Avenue - Butte
Location Survey
1.3745 Miles
Silver Bow County

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. The mylar and profile plotted; the cross sections plotted & inked; the grades layed and computed are all 100% complete. The plan and profile linens are traced for 1.4 miles or 83% complete. The design is 7% complete with 58 man days used to date.

S 452(1) Section 2
Whitehall - Jefferson Island
Design
1.041 Miles
Madison & Jefferson Counties

Raymond M. Grant
Designer II
Butte, Montana
Probable Completion Date:
Unknown

The design work on this project has been suspended awaiting the bridge end elevations & design from the Bridge Dept. The mylar and profile plotted; the plan and profile linens traced; & the cross sections plotted & inked are all 100% complete. The design remains 10% complete with 40 man days used to date.

M 5807(1)
Neil to Lyndale on North
Last Chance - Helena
Location Survey
0.8 Miles
Lewis & Clark County

Engineer: Unassigned
Probable Completion Date:
Undetermined

Field location work on this project will commence when a crew is available in the Fall.

I 15-2(33)96 Unit 3
Divide South
Aggregate Surf., Pl. Mix
Bit. Surf. and Signing
5.910 Miles
Silver Bow County
Contract Let: July 18, 1974
Bid Price: $1,646,579.65
Work Started: August 21, 1974

McIntyre Constr. Co. & S. Birch Inc (JV)
Great Falls, Montana
Joseph Bettle, Mgr.
Field Project
Butte, Mt. Tel. 494-4172
Contract Time: 200 Working Days.
Completion Date:
June 9, 1976

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be sent to Helena on October 22, 1976.

I 15-2(34)103 Unit 2
Divide North
The const. of a dual 75.0' prestressed Concrete girder overpass (Tucker Cr. Grade Separation) & a dual 75.0' prestressed concrete girder overpass (Highland Road Separation)
0.028 Miles
Silver Bow County
Contract Let: January 8, 1974
Bid Price: $287,136.62
Work Started: Feb. 13, 1974

Feldman-Murphy General Contracting Co.
Billings, Montana
Robert Gilman, Manager
Field Project
Deer Lodge, Mt. Tel. 846-1204
Contract Time: 200 Calendar Days
Completion Date:
June 21, 1976

Final Data is in Division Office but checking has not started. It is estimated that Final Data will be sent to Helena on September 24, 1976.

I 15-2(34)103 Unit 3
& F RF 43(28) Unit 2
Surfacing on Divide and Wisdom - Divide Roads
Aggregate Surfacing. Plant Mix
Bit. Surfacing and Signing
8.62 Miles
Silver Bow County
Contract Let: March 27, 1975
Bid Price: $2,098,291.50
Work Started: July 22, 1975

Empire Sand & Gravel Co., Inc.
Billings, Montana
Gene Campbell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 150 Working Days
Probable Completion Date:
September 15, 1976

Work the past period consisted of conducting plant mix operations and installing guardrail. The contractor employed 32 men for 10-11 hour shifts. Project as a whole is 82% complete with 73% of the contract time elapsed. Construction layout as a whole is 100% complete with 8 Engineers and 5 Inspectors engaged.

I 15-2(34)103 Unit 4
Divide - North
The construction of a Dual Rest Area, Lighting, Signing and Related Items
Silver Bow County
Contract Let: June 12, 1975
Bid Price: $377,474.95

Ingram-Clevenger, Inc.
Helena, Montana
Irvin Broell, Manager
Field Project
Divide, Mt. Tel. 267-2263
Contract Time: 200 Working Days

I 15-2(34)103 Unit 4 Cont'd.
Work Started: July 21, 1975

Probable Completion Date:
August 15, 1976

Work the past period consisted of conducting various construction activities. The contractor employed 6 men for 8-8 hour shifts. Project as a whole is 86% complete with 73% of the contract time elapsed. Construction layout as a whole is 95% complete with 1 Engineer engaged.

I 15-2(35)111 Unit 1
I 15-2(36)118
Deer Lodge Pass North & Nissler South Roads
Grading, Agg. Surfacing, Plant Mix Bit.
Surf. & Signing
Silver Bow County
7.792 Miles
Contract Let: Sept. 20, 1973
Bid Price: $2,694,875.50
Work Started: Oct. 18, 1973

McIntyre Constr. Co. & S. Birch
Great Falls, Montana
Matt Vranish, Manager
Field Project
Butte, Mt. Tel. 792-1797
Contract Time: 360 Calendar Days
Completion Date:
July 19, 1976

Final Inspection and Acceptance is pending.

I 15-2(37)134 &
I 15-3(25)135 Unit 1
Butte North & Woodville-North
Grading, Aggregate Surfacing
and Plant Mix Bit. Base
6.499 Miles
Silver Bow & Jefferson Counties
Contract Let: January 9, 1975
Bid Price: $3,734,970.05
Work Started: March 17, 1975

McIntyre Const. Co. &
S. Birch, Inc.
Great Falls, Montana
Frank Caprara, Manager
Field Project
Butte, Montana Tel. 792-5841
Contract Time: 260 Working Days
Probable Completion Date:
November 15, 1976

Work the past period consisted of conducting grading operations. The contractor employed 80 men for 19-9 hour shifts. Project as a whole is 48% complete with 28% of the contract time elapsed. Construction layout as a whole is 66% complete with 7 Engineers and 3 Inspectors engaged.

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207
Nissler - East Butte Inter., Butte Spur
Opportunity Junction - Homestake Pass Road
and Opportunity Interchange
4 - Lane Safety Upgrade
30.7 Miles
Silver Bow & Deer Lodge Counties
Contract Let: April 24, 1975
Bid Price: $1,577,086.10
Work Started: June 23, 1975

Western Sign Corp. Lewis Const.
Co. & Cascade Electrical Co. (JV)
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mt. Tel. 792-9937
Contract Time: 150 Working Days
Probable Completion Date:
August 31, 1976

Work the past period consisted of installing delineators, erecting guardrail, an laying plant mix. The contract employed 36 men for 10-8 hour shifts. Project as a whole is 76% complete with 74% of the contract time elapsed. Construction layout

I 15-2(38)120, I 115-2(6)126,
I 90-4(25)205 & I 90-4(31)207 Cont'd.
as a whole is 94% complete with 1 Engineer and 4 Inspectors engaged.

I 15-3(25)134 Unit 2
Woodville - North Road
The construction of a dual 148.0 foot prestressed concrete girder overpass (Woodville Interchange), a dual 123.0' Concrete girder overpass (Sawmill Gulch Spearation) and a 128.0 foot prestressed concrete girder overpass (Trask Interchange)
0.075 Miles
Jefferson County
Contract Let: October 17, 1974
Bid Price: $806,060.40
Work Started: May 19, 1975

McEachern Constr. Co.
Butte, Montana
Loren Matkin, Manager
Field Project
Butte, Mt. Tel. 494-3666
Contract Time: 230 Working Days
Probable Completion Date:
August 31, 1976

No work the past period. Percentages complete for the items remain as follows: All items are 100% complete with the exception of Conc. Cl. AD 99%, Br. Rail Steel Type 5, 25% & Protective Coat, 0%. The structures as a whole are 96% complete with 112 of the 230 working Days used or 49% of the contract time elapsed.

FH 28-1(3)
MacDonald Pass East & West (West Section)
Grading, Aggregate Surf., Pl. Mix
Bit. Base Surf., Seal, Cover
Signing & Fencing
2.5 Miles
Powell and Lewis & Clark Counties
Contract Let: April 25, 1975
Bid Price: $2,227,170.70
Work Started: June 5, 1975

Meyer Const. Co.
Billings, Montana
James Trankel, Manager
Field Project
East Helena, Mt. Tel. 227-5392
Contract Time: 240 Working Days
Probable Completion Date:
October 31, 1976

Work the past period consisted of conducting grading operations & installing culverts. The contract employed 49 men for 10-9 hour shifts. Project as a whole is 37% complete with 57% of the contract time elapsed. Construction layout as a whole is 81% complete with 5 Engineers and 3 Inspectors engaged.

RS 34(7)
Wisdom - South
Grading, Agg. Surf., Pl. Mix
Base, Seal and Cover
10.160 Miles
Beaverhead County
Contract Let: June 29, 1976
Bid Price: $1,609,681.60
Work Not Started

Clark Bros. Contractors
Victor, Montana
William C. Birkenbuel, Manager
Field Project
Wisdom, Montana Tel. 689-2255
Contract Time: 175 Working Days
Probable Completion Date:
October 14, 1977

Preconstruction Conference was held July 20, 1976.

I 90-3(34)193 U1
I IG 90-4(26)194 U1 & RS 304(12)U1
Racetrack-North, Warm Springs-North & South and Galen East
Grading and Structures
13.083 Miles
Powell & Deer Lodge Counties
Contract Let: April 29, 1976
Bid Price: $7,050,419.49
Work Started: June 10, 1976

Washington Const. Co.
Missoula, Montana
John T. McGeever, Manager
Field Project (Road)
Butte, Montana Tel. 494-4172
Loren Matkin, Manager
Field Project (Bridge)
Warm Springs, Montana
Contract Time: 260 Working Days
Probable Completion Date:
Sept. 15, 1977

Road
Work the past period consisted of installing culverts, stripping borrow area and erecting fence. The contractor employed 20 men for 9-8 hour shifts. Project as a whole is 0% complete with 8% of the contract time elapsed. Construction layout as a whole is 43% complete with 16 Engineers and 2 Inspectors engaged.

Bridges
Progress during the past period was good. Work consisted of: Fabricating forms in Project yard @ Crackerville. Sta. 1049+68.60 - Driving Bt. No's. 2&3 (E&W.B.) Test pile & are in the process of driving service pile Bt. No's. 2&3 (E.B.) Sta. 1150+10.00- Excavating for footings & driving test pile Bt. No's. 2&3 (E&W.B.) & diverting the channel ahead of Bt. No. 5 with permission of the water quality bureau. Percentage complete for the items are as follows: Struct. Excav. Type I, 20%; Test Pile, 27%; Furn. Pile, 8% & Drive Pile, 3%. The structures as a whole are 1% complete. During the past period the sub-contr. (McIntyre & Birch) worked 10-8 hour shifts with 11- men employed. Construction layout is 15% complete with a 4-man Engineering crew assigned to this & 8153-25-02.

I IG 90-3(39)176
Garrison East & West (East Section)
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Fencing and
the construction of a 303.76' steel
girder underpass (Beckhill Interchange)
and one 21.33' concrete slab overpass
(Junior Grade Separation)
3.560 Miles
Powell County
Contract Let: February 26, 1976
Bid Price: $3,718,181.56
Work Started: June 30, 1976

Max J. Kuney Co.
Spokane, Washington
Ray G. Masters, Manager
Field Project (Road)
Deer Lodge, Mt. Tel. 846-1694
Robert Gilman, Manager
Field Project (Bridges)
Deer Lodge, Mont. Tel. 846-1204
Contract Time: 240 Working Days
Probable Completion Date
October 14, 1977

Road
Work the past period consisted of erecting fence and conducting grading operations. Contractor employed 21 men for 10-8 hour shifts. Project as a whole is 2% complete with 9% of the contract time elapsed. Construction layout as a whole is 86% complete with 7 Engineers and 3 Inspectors engaged.
Bridges
Work Not Started

I IG 90-4(26)194 Unit 2
& RS 304(12) Unit 2
Warm Springs - North & South
and Galen - East Road
The construction of a dual 133.0' prestressed concrete girder overpass, 5 concrete slab structures and a dual 85.0' prestressed concrete girder bridge on project I IG 90-4(26)194 U2 and the construction of a 121.5' prestressed concrete girder bridge on project RS 304(12)U2
0.075 Miles
Deer Lodge County

Contract Let: July 24, 1975
Bid Price: $1,081,047.36
Work Started: Nov. 26, 1975
McEachern Const. Co.
Butte, Montana
Harold Wiebe, Manager
Field Project
Warm Springs, Mt. Tel. 693-2276
Probable Completion Date:
September 30, 1976

Progress during the past two weeks was fair.
Galen Interchange Structure at Sta. 939+75.20: Structure excavation for Bent No. 2 W.B. Footings. Placed concrete at Bent No. 2 W.B. Footings and Columns. Placed Concrete for Cross-beams at Bent No. 4 E.B. and Bent No. 2 W.B.
Lost Creek Structure at Sta. 1012+20.0: Built access road from PTW to structure site.
Clark Fork River Structure at Sta. 1370+07.0: Structure excavation at Bent No. 1 W.B. Placed concrete at Bent No. 1 W.B. Footings and Columns. Placed concrete at Bent No. 2 W.B. Cross-beam.
Percentages complete for items are as follows: Unclassified Channel Excavation 50%, Structure excavation 67%, Reinforcing Steel 40%, Class AD Concrete 51%, Structural Steel 20%, Shoring and Crib 62%, Mobilization 60%. The contractor worked ten (10) eight (8) hour shifts employing an average of sixteen (16) men. The Project as a whole is 42% complete with 41% of the contract time elapsed.

I 90-5(26)231
Homestake Pass - Three Forks
Resetting Guard Rail, Roadway
Realignment,
Conc. Median Rail & Signing
44.5 Miles
Jefferson & Broadwater Counties
Contract Let: August 15, 1974
Bid Price: $1,594,669.70
Work Started: Sept. 16, 1974

Long Constr. Co. Inc.
Billings, Montana
William Bork, Manager
Field Project
Butte, Mont. Tel. 494-5706
Contract Time: 200 Working Days
Completion Date:
November 21, 1975

Checking of Final Data is progressing in the Division Office. It is estimated that Final Data will be sent to Helena on August 27, 1976.

I 90-5(29)233
Homestake Pass Rest Area
Construction of a Dual Rest Area,
Landscaping and remodeling
Existing Picnic Shelters
Jefferson County
Contract Let: August 15, 1974
Bid Price: $388,952.00
Work Started: Sept. 12, 1974

Ingram-Clevenger, Inc.
Helena, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 110 Working Days
Probable Completion Date:
October 15, 1976

I 90-5(29)233 Cont'd.
No work on this project. Some Force Account work involving refinements to the waste disposal system is being contemplated. Also, the plant establishment period is still in effect.

RF 171(17) & RS 167(10)
Harrison - North & South
and Cardwell - Southeast
Grading, Agg. Surfacing and
Pl. Mix Bit. Surfacing
8.3 Miles
Madison, Gallatin & Jefferson Counties
Contract Let: November 24, 1975
Bid Price: $2,060,160.58
Work Started: December 17, 1975

McEachern Const. Co.
Butte, Montana
George Buckman, Manager
Field Project
Harrison, Mt. Tel. 685-3440
Contract Time: 200 Working Days
Probable Completion Date:
November 12, 1976

Work the past period consisted of hauling & laying gravel and conducting grading operations. The contractor employed 35 men for 10-8 hour shifts. Project as a whole is 37% complete with 27% of the contract time elapsed. Construction layout as a whole is 90% complete with 5 Engineers and 5 Inspectors engaged.

FF 214(8)
Signalizing of the intersections
of 11th Ave. and Sanders St., 11th
Ave. & Lamborn St., Prospect Ave.
and Sander St. and Prospect Ave.
& Lamborn St. in Helena
0.0 Miles
Lewis & Clark County
Contract Let: December 18, 1975
Bid Price: $105,853.28
Work Started: May 17, 1976

Signal Electric Inc.
Kent, Washington
Gerald Ditto, Manager
Field Project
Helena, Mt. Tel. 442-9762
Contract Time: 60 Working Days
Probable Completion Date:
August 31, 1976

Work the past period consisted of installing 72" manhole at 11th Ave. & Sanders St. Contractor employed 3 men for 5-8 hour shifts. Project as a whole is 17% complete with 43% of the contract time elapsed. Construction layout as a whole is 80% complete with 3 Engineers and 1 Inspector engaged.

M 1803(2)
Harrison Ave. and Amherst
St.-Butte
Signal Modification, Signing
and Channelization
0.00 Miles
Silver Bow County
Contract Let: June 29, 1976
Bid Price: $30,854.50
Work Not Started

Western Sign Corp.
Great Falls, Montana
Robert Wilson, Manager
Field Project
Butte, Mont. Tel. 792-9937
Contract Time: 45 Working Days
Probable Completion Date:
October 29, 1976

Preconstruction conference was held July 20, 1976.

CONSTRUCTION

M 5805(1)
Signal Modification of various
intersection in the City of Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 27, 1976
Bid Price: $25,327.50
Work Not Started

Skinner Enterprises
Helena, Montana
Gerald Ditto, Manager
Field Project
Helena, Mont. Tel. 442-9762
Contract Time: 30 Working Days
Probable Completion Date:
September 17, 1976

Preconstruction Conference was held June 11, 1976.

Richard B. Dundas, P.E. Supervisor
Division Construction Section - Butte

RBD/GBH/MJJ/cu

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

Box 1110
Bozeman, Montana 59715

July 30, 1976

Progress Report
Division 2230

Department of Highways
Helena, Montana 59601

Gentlemen:

Following is a report covering construction and preconstruction operations in the Bozeman Division for the two week period ending July 30, 1976. Weather has been favorable for all construction activities with temperatures ranging from 48 degrees to 96 degrees.

P R E C O N S T R U C T I O N

F 9(6) Truck Escape Route
Virginia City - Ennis
Length - 0.530 Mile

Engineer Unassigned

All information requested from the field has been transmitted to Helena.

RF 20(4) US 191 Spur
Approx. Length - 6.7 Miles

William F. Nimmons, FPM
Phone: 587-0209 Bozeman

There was no survey work done on this project during the past period.

RF 20(5) US 191 Big Sky Spur
Length - 3.0 Miles
Gravel Surf., Pl. Mix Surf.

Engineer Unassigned

There was no work on this project during the past period.

FH 42-3(2)
Slide Near Karsts
Gallatin County

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

F 60(15)
Clyde Park - N & S

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

A five man survey crew is currently obtaining information as indicated from the preliminary plan-in-hand report dated June 30, 1976 and a memo from the Preconstruction Bureau dated July 19, 1976.

ROS 76(10)
US 191 Gallatin Canyon Safety
Partial Survey for Future
Safety Upgrade

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

I 90-7(17)350
Springdale - Big Timber
Length - 13.477 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

The information requested by the Preconstruction Bureau on July 8, 1976 was transmitted to Helena on July 16. This completes all work requested to date.

I 90-7(18)364
Big Timber - Greycliff
Length - 10.814 Miles

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber

The information requested by the Billings R/W Supervisor on May 21, 1976, and by the Preconstruction Section on June 25, 1976, was transmitted to Helena on July 16 and July 21. No other information from the field has been requested to date.

I 90-7(21)339
Springdale - West
Length - 9.2 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested from the field has been transmitted to Helena.

I 90-7(40)332
Snowfence
Approx. Length - 5.0 Miles

Engineer Unassigned

No field work has been requested to date.

U 203( ) Signals
Intersection Main & Third - Bozeman

Engineer Unassigned

No information requested from the field to date.

F 244(15)
Raynolds Pass - Ennis
Length - 11.0 Miles

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

The information regarding Items 5, 7, and 30 of the plan-in-hand report were transmitted to Helena on July 21, 1976. This completes all information requested from the field to date.

S 276(1)
Big Timber - North & East
Approx. Length - 9.0 Miles
Survey Started: 5-28-74

Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Estimated Date of Completion: 5-1-77

There was no work on this location survey during the past period, and it remains approximately 39% complete.

HHS 370(26)
Bridger Canyon
Approx. Length - 1.8 Miles

William F. Nimmons, FPM
Phone: 587-0209 Bozeman

All data requested has been transmitted to Helena.

RS 463(1)
Springdale - Hunters Hot Springs
Length - Approx. 2.2 Miles
Preliminary Survey

William F. Nimmons, FPM
Phone: 587-0209 Bozeman
Estimated Date of Completion: 3-30-77

The requested preliminary survey has not been started.

M 1201(1)
North 19th - Bozeman
Approx. Length - 0.4 Mile
Survey Started: 1-15-75

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All information requested to date has been transmitted to Helena.

M 1202(1)
Oak St. - Bozeman
Approx. Length - 0.8 Mile

Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman

All information requested to date has been transmitted to Helena.

M 1212(1)
Kagy Lane - Bozeman
Approx. Length - 1.1 Mile
Survey Started 7-26-76

William F. Nimmons, FPM
Phone: 587-0209 Bozeman

Field work for this location survey was started on July 26, 1976. A four-man survey crew has been locating property corners and tying these into a coordinate system.

ROS 4144(52)
Manhattan
Bridge End Protection (Statewide)

Engineer Unassigned

All requested information has been transmitted to Helena.

SRS 4148(52)
BN, Inc. Signals - Off-System
Oregon St. - Belgrade
Northwest of Springdale

Roger E. Blossom, PE, FPM
Phone: 586-5074 Bozeman

All requested information has been submitted to Helena.

C O N S T R U C T I O N

S 28(14)
McLeod-Big Timber
Structures and Approaches
Length - 0.905 Mile
Contract Amount: $531,339.07
Contract Awarded: 5-21-75
Proceed Order Date: 6-11-75
Work Started: 6-27-75

Cop Construction Company
Billings, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion Date: 8-30-76

Progress has been slow with the contractor employing between six and eight men and working ten 8-hour shifts. The contractor has been hauling 1½" base course from the stockpile to the roadway. To date 13,700 tons of 1½" material has been hauled to the roadway. They have also been crushing and stockpiling 3/4" surfacing material. Twenty-five hundred cubic yards of unclassified excavation was accomplished, bringing this item to 93% complete. A six man engineering crew is assigned to this project which is 83% complete with 85% of the contract time elapsed. The contractor has 28 working days of contract time remaining.

RF 45(13) Safety
Big Timber - North
Conc. Barrier Rail & Drainage
Length - 0.0 Miles
Contract Awarded: 3-31-76
Contract Amount: $21,838.00
Proceed Order Date: 4-22-76
Work Started: 5-3-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 30 Working Days
Completion Date: 7-7-76

One man has been working on the final estimate and supporting data for this project. The final estimate is now approximately 37% complete with an estimated submittal date to the Division Office of August 15, 1976.

I 90-6(30)309, I 90-6(36)315 U-2 &
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass-West
and Bozeman Pass-East(West Section)
Grade, Agg. Surf., Pl. Mix Base, Struct.
Length - 7.0 Miles
Contract Awarded: 5-28-76
Contract Amount: $9,845,689.09
Proceed Order Date: 6-22-76
Work Started: 7-6-76

Goodfellow Brothers, Inc.
Wenatchee, Washington
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 300 Working Days
Probable Completion Date: ?

Progress has been fair with the contractor employing 38 men and working eight hour shifts and the fencing sub-contractor employing three men and working eight hour shifts. Grading operations were started on July 19. The contractor is currently removing material from the cut between Stations 107 and 112 and placing this in the fill between Stations 117 and 120. They are also working in the cut between Stations 164 and 165+50 and placing this material between Stations 165+50 and 170. One hundred eighty-six feet of 36" culvert has been installed at Station 116+50. The contractor is presently installing 8" perforated pipe Right of Station 170±. The fencing sub-contractor is working at various places throughout the project. The prime contractor is also stripping and stockpiling topsoil throughout the project. A 16 man engineering crew is currently working on this job. Eight per cent of the contract time has elapsed and the contractor has 277 working days of contract time remaining.

I 90-6(35)304
Landscape Bozeman N & E Interchanges
Contract Awarded: 8-21-73
Contract Amount: $227,747.39
Proceed Order Date: 8-22-73
Work Started: 10-3-73

Papp Landscaping
Billings, Montana
Martin J. Kolence, FPM
Phone: 587-4186 Bozeman
Contract Time: 11-1-74
Completion of Establishment Period: 6-15-76

The final estimate and supporting data was sent to Helena on July 22, 1976. This will be the last report for this project.

I 90-6(36)315 U-1
Bozeman Pass - West
Dual 128.0' Prestressed Concrete
Girder Overpass & Approaches
Length - 0.584 Mile
Contract Awarded: 6-30-75
Contract Amount: $770,510.35
Proceed Order Date: 7-22-75
Work Started: 7-16-75

McEachern Construction Company
Butte, Montana
Richard W. Saltzman, FPM
Phone: 587-4186 Bozeman
Contract Time: 180 Working Days
Probable Completion Date: November 1, 1976

Progress has been fair with the contractor employing five men and working eight hour shifts. Over the past period the contractor has been forming for the end walls, diaphragm, and decks. Thirty-four cubic yards of "AD" concrete were placed for the end wall and diaphragm on the westbound structure on July 23. They began forming for the eastbound structure on July 27. Current plans are to pour the deck on the westbound structure on August 3. Three men are currently working on this project which is 82% complete with 57% of the contract time elapsed. The contractor has 79 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (East Section)
Length - 5.6 Miles
Grading, Agg. Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass

Clark Brothers Contractors
Victor, Montana
Larry O. Williams, FPM
Phone: 222-1965 Livingston
Contract Time: 250 Working Days
Probable Completion Date: 7-1-77

Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Progress has been fair with the contractor employing between 65-90 men and working ten 9-hour shifts. Grading operations are being performed between Sta. 320 and 480 on the eastbound and between Sta. 330 and 350 on Frontage Road "C". Twelve thousand cubic yards of unclassified excavation was moved bringing this item to 77% complete. Finish work and topsoiling is being performed on the westbound lane between Sta. 480 and 505. Eight thousand cubic yards of topsoil was placed bringing this item to 40% complete. The contractor is placing 3" base course and 1½" base course. During the past period, 33,000 tons of 1½" material was placed bringing this item to 21% complete and 6,000 tons of 3" base course was placed bringing this item to 15% complete. The structures at Sta. 325 and 505 have been completed. A 16 man engineering crew is assigned to this project which is 55% complete with 32% of the contract time elapsed. The contractor has 171 working days of contract time remaining.

HHS 127(12)
Big Timber - Columbus
Pl. Mix Seal Skid Corr. &
Guard Rail (Safety)
Contract Awarded: 5-17-76
Contract Amount: $120,557.65
Proceed Order Date: 7-7-76
Work Started: 6-25-76

Bozeman Sand & Gravel, Inc.
Bozeman, Montana
Ronald T. Hoyem, FPM
Phone: 932-3272 Big Timber
Contract Time: 45 Working Days
Probable Completion: 8-6-76

Progress has been good with the contractor employing 19 men and working three 8-hour and two 12-hour shifts. Plant mix seal operations were started on July 20 and completed on July 26. Fifteen hundred eighteen tons or 108% of the contract amount of the plant mix seal was applied. The contractor intends to begin hanging the guard rail and stripping the roadway on July 29. A six man engineering crew is assigned to this project which is 86% complete with 58% of the contract time elapsed. The contractor has 25 working days of contract time remaining.

M 1206(2) U-2
Traffic Control Devices
Babcock & Mendenhall - Bozeman
Contract Awarded: 5-3-76
Contract Amount: $64,638.00
Proceed Order Date: 5-24-76
Work Started: 5-24-76

Midland Electric
Billings, Montana
Robert S. Ricketts, FPM
Phone: 586-9562 Bozeman
Contract Time: 45 Working Days
Probable Completion Date: 8-6-76

Progress has been good and with the exception of the actual power hookup, all electrical work has been completed. The paving on South 8th Street has been completed and installation of the pin-down curb is now in progress. The contractor plans to strip the couplet and hang the remaining signs to put the couplet into operation on Sunday morning, August 1. A two man crew has been performing its

inspection duties on this project which is now approximately 95% complete with 88% of the contract time elapsed. The contractor has 6 working days of contract time remaining.

Respectfully submitted,

Richard C. Holmes

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:wb

cc: Gary A. Gilmore, PE, Division Traffic Engineer, Butte
Bozeman Division Office

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
JULY 30, 1976

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report Covering work accomplished in Divison 3130 during the period July 17, 1976 thru July 30, 1976.

GENERAL

Weather has been clear to partly cloudy with temperatures ranging from 70° to 90°, weather having no effect on construction progress.

PRE-CONSTRUCTION

RF 25 (2) - Gt. Falls Airport Access Rd.
Length: 0.7 miles - Cascade Co.
Design Started: June 2, 1975

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Sept. 30,1976

No work during this reporting period. Project is 44% complete.

F 64 (15) - Great Falls East
Location Survey
Length: 9.537 miles
Design is not started

R. Fransen - Designer II
Great Falls - Phone #452-2361
Comp. Date: July 1, 1977

No work during this reporting period.

RS 77 (7) - Cascade - Ulm Loop
Location Survey
Length 26.5 miles
Design Started: January 12, 1976

F. Robinson - Mgr. FPU
Great Falls - Phone #453-2573
Prob. Comp. Date: Dec. 31, 1976

Engineering crew spent 51 man days establishing bench marks and running levels. 7 days lost due to work on other projects. The survey is 23% complete with 625 man-days used to date.

S 134 (1) - Farmington - Agawam
Length: 12.3 miles - Teton Co.
Design Started: June 21, 1971

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 30, 1976

Three men worked 28 days Computing Quantities and Preparing Summary Sheets, and Templating X-Sections. Design is 68% complete.

M 5201 (1) Part I - 6th St., Gt. Falls
Length: 0.4 miles Cascade Co.
Design Started: September 26, 1972
Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Comp. Date: May 10, 1976

10th Ave. South to Stations 40 + 65 The Final Prints were submitted to Helena on May 10, 1976. Project is now 100% complete.

M 5201 ( ) Part II - 6th St., Gt. Falls
Length: 0.9 miles - Cascade Co.
Design Started: Sept. 26, 1972
Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: March 31, 1977

Station 40 + 65 to 68 + 00 Written approval of the preliminary plan-in-hand report by the FHWA was dated April 28, 1976. Written approval to proceed with the final design was dated May 2, 1976. Proceeding with design on the construction and right-of-way plans towards final plan-in-hand. Waiting for Signing to return initial sign location and pavement marking plans so that the signing plans can be completed for signing plan-in-hand.

M 5201 ( ) Part III - 6th St., Gt. Falls
Length: Unknown
Wenzel & Co. - Consultants
Great Falls - Phone #453-5478
Prob. Comp. Date: Unknown

68 + 00 to Central Ave. West, Route Location Study Report No action has been taken since the Location Public Hearing, July 21, 1975. The Commission has stopped further study until completion of the update of the Great Falls Transportation Study. Study Report is 90% complete.

RS 348 (18) - 5 miles South of Fort Benton - South
Location Survey
Length: 3.3 miles
Survey Started: February 18, 1976
G. Enderson, Mgr. - FPU
Great Falls, - Phone #453-2573
Comp. Date: June 11, 1976

Chouteau County Commissioners have removed this project from priority. Further work is on a hold pattern.

CONSTRUCTION

I 15-3(28) 168 & I 15-4(48) 182
Traffic Control Devices and Guard Rail Revisions
Jefferson & Lewis & Clark County
Contract Awarded: June 30, 1976
Subject to FHWA Concurrence
Contract Amount: $1,048,319.90
Apex Construction Inc., Contractor
Spokane, Washington
Walt Smith, Mgr.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days

Five man crew working up Signing and Guardrails Notes and staking, layout is 40% complete.

I 15-6(15) 297 U-1 Dutton - No. & So.
5.494 miles, Grade, Aggr. Surf., Plant Mix, Signing and Fencing
Teton County
Contract Awarded: March 26, 1974
Amount of Contract: $2,743,068.92
Work Started: June 19, 1974

Schultz & Meyer Const. Co.
Billings, Montana
T. Hammerbacker, Mgr. - FPU
Dutton - Phone #476-3472
Comp. Time: 360 Calendar Days
Prob. Comp. Date: August 15, 1976

Progress has been good. Prime Contractor has 40 men employed, worked 2-8 hour shifts, placed 12,922 ton 1½" B.C. Gr. 5A and 8469 ton 1½" B.C. Gr. 5A Hyd. Lime Treated on mainline sta. 500 to sta. 422. Worked 3-8 hour shifts placed 6,310 ton 3/4" Top Surf. Gr. 2A on West Frontage Road and Ramps. Worked 1-8 hour shift placed 2,355 Plant Mix Bit. Surf. Type 3 on mainline, one lane, southbound sta. 523 to sta. 424. Worked 6-8 hour shifts finished placing Plant Mix Bit. Base 1½" Gr. 1 sta. 460 to sta. 424. Subcontractor Western Sign Corp. with 5 men employed, worked 2-8 hour shifts installed 475 lin. ft. Guard Rail & Posts and four Guard Rail-Stl. Br. Appr. Conc. T 1. Items and percent complete are: Base Course 1½" Gr. 5 A; 100%, B.C. 1½" Gr. 5A (Hyd. Lime Tr.); 100%, Top Surf. 3/4" Gr. 2A; 100%, Plant Mix Bit. Surf. Type 3; 85%, Plant Mix Bit. Base 1½" Gr. 1; 100% and Grard Rail-Stl/ Conc Posts; 90%. The project as a whole is 88% complete with 72% of the contract time elapsed. Construction layout is 98% complete with an 17 man engineering crew engaged in survey crew (5 men) inspection, testing & office (12 men). Traffic is using East Frontage Road Sta. 427 + 27.1 to sta. 666 + 98.9, 4.5 miles, which is in good travel condition.

I 15-6(20) 304 - Teton River - N. & S. (S.Sect.) Hilde Maronich Const. Co. (JV)
contr. 4.3 miles Grading, Surfacing and Structures East Helena, Montana
Teton County
Contract Awarded: March 2, 1976
Contract Amount: $4,028,676.22
Work Started April 1, 1976

H. Strong & S. Newton, Mgr.-FPU(Road)
D. Harrison Bridge Insp. (Structure)
Brady - Phone #753-2581
Comp. Time: 275 Working Days
Prob. Comp. Date: July 30, 1977

Progress has been good. Completed producing & Stockpiling 3/4" P.M.B.S. Mat'l. Crusher units and trucks moving off project 7-28-76. Items and percent complete are: Uncl. Exc.; 30% andR.C.P. Culverts; 21%. The project as a whole is 20% complete with 13% of the contract time elapsed. Construction layout is 70% complete with a 8 man engineering crew engaged in layout, inspections and office. P.T.W. in good condition - no detours. Progress on the Structures has been good. Pouring concrete, finishing concrete, driving steel piling & test piles, working on cofferdams and type 1 and type 2 structure excav. Teton River Structures piers # 2-3-5 N.B. & S.B. are complete. Piers # 4 N.B. & S.B. are complete except for some cement finishing. Bent # 1 N.B. piling is driven and cap is poured. Bent # 1 S.B. piling is driven and cap will be poured tommorrow. Shoring and Cribs and Type 2 Structure Excavation are complete. Contractor plans to start setting prestressed beams on August 3. Separation at Sta. 788 started this structure 7-27-76. Work consists of Structure Excavation Type 1, pile prebore, and Treated Timber Test Piles. Contractor plans to double shift service piles.

I 15-6(16) 308 - Teton River - N. & S. (N.Sect.) Hilde & Maronick Const.Co.,(JV)Contr
2.8 miles, Gr.; Aggr. Surf.; Pl. Mix Bit. East Helena, Montana
Base: Pl. Mix Bit. Surf.: Signing: H. Strong & S. Newton, Mgr. FPU (Road)
Prestressed Conc. Girder Gr. Sepration T. Tomich, Mgr. - FPU (Structure)
Teton County Brady - Phone #753-2581
Contract Awarded: July 28, 1975 Comp. Time: 180 Working Days
Contract Amount: $2,070,763,97 Prob. Comp. Date: July 30, 1976
Work Started: September 9, 1975

Progress has been good. Contractor shot MC 250 on F-3 & F-4, Frontage Roads and Seal & Chipped a portion of same. Finishing to bluetops. Installing Culverts. Items and percent complete are: Cover Material $\frac{1}{2}$"; 25%, MC 250; 25% and R.C.P. Culverts; 90%. The project as a whole is 45% complete with 45% of the contract time elapsed. Construction layout is 70% complete with a 5 man engineering crew engaged in inspection, layout & office work. Traffic using F-2 & F-3 Rd. Rd. which is in good travel condition. Structures Contractor began work 7-22-76 progress has been good. Work consisted of Structure Excavation Type I and Treated Timber Test Piles at all Bents and Pile-Prebore Holes at Bents number 1 and 5. Contractor plans to double shift service piles.

I 15-6(14) 311 & I 15-7(11) 312 Hilde & Maronick Const. Co.(JV), Contr.
Pershing South and Brady - N. & S. East Helena, Montana
11. 5 miles Gr., Agg. Surf., Pl. Mix Bit. S. Newton, Mgr. - FPU (Road)
Base, Pl. Mix Bit. Surf., Lengthen 2 K. Minehan, Mgr. - FPU (Structure)
Add two Lane - Teton & Pondera Co. Brady - Phone #753-2581
Contract Awarded: June 5, 1975 Comp. Time: 240 Working Days
Contract Amount: $3,754,385.95 Prob. Comp. Date: July 30, 1977
Work Started: July 16, 1975

Progress has been good. Moving Uncl. Exc. sta. 2100 to 2270. Installing R.C.P. Culverts. Contr. shot Mc-250 & Seal and Chipped on Fr. Rd. which is complete. Items and percent complete are: Cover Material; 100%, MC - 250; 100%, CRS - 2 Emul; 100%, Uncl. Exc.; 83% andR.C.P. Culverts; 92%. The project as a whole is 61% complete with 52% of the contract time elapsed. Construction layout is 93% complete with a 5 man engineering crew engaged in inspection, layout and office work. Structure progress has been good. The contractor has been finishing cement and cleaning up area.

I 15-7(16) 341 - Bullhead Rd. Inter. Meyer Const. Co., Contractor
0.940 mile, Gr., Aggr. Surf.; P.M.S. Billings, Montana
Signing and 284.5 Ft. Structure-Pondera Co. S. Newton - Mgr. - FPU (Road)
Contract Awarded: July 26, 1974 K. Minehan - Mgr. - FPU (Structure)
Contract Amount: $818,682.66 Bullhead Interchange-Phone #278-3551
Work Started: Sept. 30, 1974 Comp. Time: 160 Working Days
Comp. Date: April 12, 1976

All contract items were complete April 12, 1976 and Final Estimate was submitted to Division Office April 19, 1976. Final Estimate will be submitted to Helena on or about Aug. 6, 1976.

Rs 91 (6) & RS 329 (6)
Stockett - Gt. Falls Road and
Gt. Falls - Eden Road
18.3 miles Plant Mix Overlay
Cascade County
Contract Amount: $698,004.00
Contract Awarded: July 19, 1974
Work Started: September 18, 1974

Baltrusch Const. Co., Contr.
Havre, Montana
F. Robinson, Mgr. FPU
Great Falls - Phone #453-2573
Comp. Time: 90 Working Days
Comp. Date: May 6, 1976

Final Estimate submitted to Division Office on June 16, 1976 and will be submitted to Helena Office on or about Sept. 3, 1976.

RS - 434 (3)
Conrad - West
Pondera County
2.3 miles of Grading, Gravelling & Surfacing
Contract Awarded: June 30, 1976
Subject to FHWA Concurrence
Contract Amount: $877,194.60

Hilde Construction, Inc., Contr.
East Helena, Montana
Glen Enderson, Mgr. FPU
P.O. Box 1301
Conrad, Montana
Comp. Time: 110 Working Days

The Contractor plans to start construction activities of the week of August 9, 1976. The Proceed order Date was July 21, 1976. A 4 person engineering crew engaged in staking culverts and compiling construction quantities. The survey crew has been on occasion assigned to other projects. The project as a whole is 0 % complete with 5% of the contract time elapsed. Construction layout is 65% complete with a 3 man engineering crew engaged in notes & Layout.

SMP 2599-76
Stockpile Gravel Various Roads
Cascade, Lewis & Clark & Teton Co.
Contract Awarded: Jan. 23, 1976
Contract Amount: #113,775.00
Work Started: March 16, 1976

James Kraus Contractor
Great Falls, Montana
Dale Moore - Mgr. - FPU
Great Falls - Phone #453-2573
Comp. Time: 75 Working Days
Comp. Date: June 16, 1976

All work was completed June 16, 1976, Final was submitted to Division Office June 23, 1976 and will be submitted to Helena on or about Aug. 13, 1976.

James T. Sullivan - P.E.-
Supvr. - Division Construction Section

JTS/MRB/ps

Progress Report
Division 3230

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

July 30, 1976

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find Division 3230 progress report for the period ending July 30, 1976.

GENERAL

The weather this past reporting period has been favorable for construction. The temperatures have ranged from +45° to +95°.

PRECONSTRUCTION

RS 12 (20), Turner-Canadian Line
11.0 miles, Blaine County
Preliminary Engineering

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

No work on this project during the past reporting period. Design as a whole is 10% complete with 20 mandays used to date.

HHS-95 (19)
U.S. #2 East of Havre
0.3 miles, Hill County

L. D. Nelson. A.O. I
Havre, Montana
Telephone No. 265-6821

Design as a whole is 50% complete with 19 mandays used to date. Design data was sent to Helena on 6/22/76 for P.I.H. printing.

RS-133 (2) Havre-North
10.0 miles, Secondary Rte. 233
Location Survey

L. D. Nelson, A.O. I
Havre, Montana
Telephone No. 265-6821

One man worked 3 mandays on design changes. Design as a whole is 40% complete.

RS357 (12) Valier-East
7.2 miles, Pondera County
Location Survey

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

There has been no work on the survey during this reporting period. Centerline and bench levels are 100% complete, topography is 90% complete, check levels and cross-sections are 17% complete. The location as a whole is 34% complete. The location was suspended on March 29, 1976 due to working on other projects.

C O N S T R U C T I O N

RS-12 (19) Harlem-Turner-
Canadian Line
6.8 miles, Blaine County
Grade, gravel surf., and
pl. mix bit. base
Contract Let: 6/10/76
Contract Amount: $811,910.99
Work Started: 7/23/76

Gus M. Albert,
Miles City, Montana
George Nelson, Fld. Proj. Mgr.
Malta, Montana
Telephone No. 654-1391
Contract Time: 140 working days
Probable Completion Date: 6/10/77

The subcontractor, Rehbein Construction Co., began moving equipment to the project on 7/14/76. Began stripping topsoil on 7/21/76. Worked five 8 hour shifts this past period with 3-6 men employed. Operations were limited to stripping topsoil due to waiting for water wagon to arrive on project. Water wagon arrived 7/27/76. Fencing subcontractor, Kimmel & Reed Construction Co., began work on 7/23/76 and worked three 8 hour shifts this past period with 5-6 men employed. Work consisted of building panels and laying out line posts; 3-5 engineering personnel worked 10 days on eight 10 hour shifts. Completed slope staking 7/14/76. Construction layout is 80% complete. The project as a whole is 1% complete with 11% of the contract time elapsed.

US-95 (17) Gildford-Havre-East
U.S. #2 - Havre, Hill County
1.3 mi. grade, gravel, pl. mix surf.,
and stm. sewer
Contract Let: 3/1/76
Contract Amount: $1,434,327.33
Work Started: 4/5/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 160 working days
Probable Completion Date: 7/1/77

Progress has been fair. The prime contractor worked ten 8 hour shifts with up to 38 men employed. Unclass excavation is 98% complete. The street was excavated from Sta. 515+00 to 523+00 making this item 50% complete. 3,500 tons of 1½" crushed base course was placed on the roadway making this item 45% complete. 480 tons of 3/4" top surface material was placed from Sta. 499+00 to 504+00 and the same area was primed making each of these items 32% complete. No plant mix operations this reporting period. This item is 7% complete to date. 750 Ln. Ft. of curb was placed making this item 30% complete. Sidewalk construction has began and as a whole is 5% complete. The subcontractor, Lockrem Construction Co., has been installing drop inlets since the last reporting period. The mainline is complete and the drainage structures as a whole are 85% complete. The project as a whole is 38% complete with 37% of the contract time elapsed. A 9 man engineering crew is assigned to inspection and layout.

RF 132 (13), Joplin-West
6.154 miles grade, gravel surf.,
and pl. mix surf.
Contract Let: 5/15/75
Contract Amount: $1,758,756.12
Work Started: 9/24/75

Meyer Construction Company
Billings, Montana
Hugh Klepzig, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Probable Completion Date:9/15/76

Progress has been good this reporting period. The contractor worked ten 9 hour shifts with up to 30 men employed. The contractor has 322,516 C.Y. unclass exc. moved to date to make this item 75% complete. The contractor worked nine 9 hour shifts hauling and placing 22,639.6 tons 1½" C.B.C. for a total of 38,294.2 tons to date making this item 72% complete. The contractor installed 114' of cross drains this reporting period making this item 72% complete. The project as a whole is 47% complete with 70% of contract time elapsed. A five to eight man engineering crew is engaged in inspecting, testing materials, and related engineering work.

RF-62 (14), & RF-132 (14)
Shelby-Chester, Chester-West
5.36 mi. grade, aggr. surf.
pl. mix bit. surf., pl. mix bit.
Surf., storm sewer, signing & lighting
Contract Let: 12/18/75
Contract Amount: $1,849,676.03
Work Started: 3/26/76

Baltrusch Construction Co., &
Affiliates, Havre, Montana
Al Ullrich, Fld. Proj. Mgr.
Chester, Montana
Telephone No. 759-5329
Contract Time: 200 working days
Probable Completion Date: 7/1/77

Progress this reporting period has been good. The contractors worked ten 8 to 10 hour shifts with up to 35 men employed. 30,000 Cu. Yds. of uncl.exc. was placed for a total of 200,000 Cu. Yds. or 77% complete. Hauled and placed 5,400 ton 1½" C.B.S. for a total of 33,100 tons or 33% complete. Drainage items are 75% complete. Contractor began pl. mix base course 7/16/76 and suspended 7/22/76, placed 8,824 tons or 24% complete. The project as a whole is 55% complete with 30% of the contract time elapsed. A five to twelve person engineering crew is working on inspection and layout.

I-IG 15-8 (25) 379
Sunburst-Canadian Line
Sweetgrass South-Sunburst South
Gr., agg. surf., pl. mix
Bit. base, pl. mix bit.
Surf. structures, safety
Correction & pl. mix overlay
19.1 miles-Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.28

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc.(JV)
East Helena, Montana
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 215 working days
Probable Completion Date: 9/30/77

Slope stakes were set from 1770+00 to 1788+00 making Mainline staked 97% complete. Slope stakes set on L3 Ramp and "I" Line., making slope staking as a whole 59.5% complete. Staking of culverts is 45% complete. Signs,notes and staking of signs remains 15% complete. Staking of Access RT. 1612+00 to 1647+86; Frontage Rd. 0+00 to 27+03; and the detour, making all centerline 92% complete. Grades computed and checked is 86% complete. Bench levels remain 100% complete. Structure layout as a whole remains approximately 50% complete. Construction layout as a whole is approximately 53% complete. A 5-12 man crew worked two 8 hour shifts and ten 9 hour shifts using 191 mandays for a total of 473 mandays used to date.

I-IG 15-8 (25) 379 (Continued)

The subcontractor, Sletten Construction Co., has been moving in materials and equipment this past reporting period. There has been no construction progress to date and the structures as a whole remain 0% complete. The subcontractor has not indicated when work will commence. A 3 man engineering crew is presently engaged on other projects. Northern Telephone Co-op completed their line revisions July 7, 1976. Revisions 100% complete. Marias River Electric did not work this reporting period, and remain 60% complete with their revisions. The contract as a whole is 0% complete with 9.3% of the contract time elapsed.

I-15-8 (28) 343 Unit 1
Toole County Line-North
8.33 miles grade, aggr. surf.,
pl. mix base, weigh station
and structures
Contract Let: 2/28/75
Contract Amount: $2,890,398.06
Work Started: 5/1/75

Hilde Construction Co., Inc. and
Maronick Construction Co.,Inc. (JV)
Great Falls, Montana 59403
James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 250 working days
Probable Completion Date: 9/31/76

Progress for the past 2 weeks has been good. The contractor employed up to 12 men on one 10 hour shift per day, finishing the roadway to bluetops and placing topsoil on the slopes. The subcontractor, Western Sign, installed 4800 Lin. Ft. of guard rail on the right frontage road between Sta. 279+90 and 327+90. Installed 40 Lin. Ft. of 3" poles, 28 Lin. Ft. of 4" poles, 35 design "F" delineators, 4 design "D" delineators and 273 lbs. of metal "U" posta. Moved off the project on July 21st. The subcontractor, McIntyre Construction, started excavating and constructing forms for the cut off walls and edge protector on July 16th and poured 6.7 Cu. Yds. of class DD concrete on July 20th thru July 26th. Presently stripping forms and backfilling. One man is inspecting the contractor's operations and a 4 to 6 man engineering crew is bluetopping and miscellaneous staking. The project as a whole is 69% complete with 64% of the contract time elapsed.
Structures:
Progress has been fair this past reporting period. The subcontractor, McIntyre Construction Co., and S. Burch, Inc., has worked ten 8 to 10 hour shifts with up to 10 men employed. Pile driving operations began on 7/19/76 and are approximately 65% complete. The structure as a whole is 11% complete. The subcontractor has also been preparing the slopes and excavating keys for the slope protection at Sta. 142+00.

I-15-8 (28) 343 U-2
Toole County Line-North
1-Prestressed conc. Girder underpass
& dual prestressed overpass
Contract Let: 4/4/75
Contract Amount: $471,462.28
Work Started: 8/18/75

Sletten Construction Company
Great Falls, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 150 working days
Probable Completion date: 8/1/76

Progress has been good this past reporting period. The contractor has worked seven 8 hour shifts with up to 5 men employed. The bridge rail has been painted on all structures, the project has been cleaned up and the contractor has moved all equipment and materials off the job sites. The structures are presently awaiting final inspection. The project as a whole is 99% complete with 67% of the contract time elapsed. A 2 man engineering crew has been engaged in project inspection on this and other projects as required.

I-15-8 (28) 343 Unit 3
Toole County Line - North
Dual 481.5' prestressed Conc.
Girder Bridge and Emb. Approaches
Contract Let: 8/15/74
Contract Amount: $1,487,575.18
Work Started: 10/11/74

Meyer Construction Company
Billings, Montana
Glen E. Brown, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 235 working days
Probable Completion Date: 10/31/76

Progress has been good this past reporting period. The contractor has worked ten 8 hour shifts with up to 17 men employed. On the structures: the curbs and end posts have been poured and stripped on the South Bound structure and finishing continues throughout the superstructure. Forming continues on the deck of the North Bound structure and is approximately 60% complete. The subcontractor, Hilde Construction Co.,resumed grading operations on 7/27/76 with 4 men working 10 hour shifts. The contractor is presently finishing the subgrade to bluetops throughout the project. The project as a whole is 91% complete with 74% of the contract time elapsed. A 2 to 4 man engineering crew is engaged in project inspection and layout on this and other project.

I-15-8 (30) 351
Shelby, Westside-North
2.844 miles, Toole County
Reset Guardrail and
Impact Attenuators
Contract Let: 6/9/75
Contract Amount: $217,975.40
Work Started: 10/29/75

Apex Construction, Inc.
Spokane, Washington
Harold D. Kelly, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 110 working days
Completed: 6/4/76

One man worked 4 mandays checking final estimate and supporting data and is approximately 95% complete. A semi-final estimate has been submitted. The final estimate will be submitted when the I.B.M. estimate prints are returned from Helena.

M5708 (1) & RS 70 (10)
Havre-South (North Section)
Hill County
1.23 miles, grade, aggr. surf.
pl. mix bit. surf., signing
and installation of Flasher
Contract Let: 1/15/75
Contract Amount: $899,539.01
Work Started: 3/21/75

Baltrusch Construction Co., Inc.
& Affiliates, Havre, Montana
Samuel Hatty, Fld. Proj. Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 130 working days
Completion Date: 5/20/76

Due to the engineering crew working on Project U95 (17), the final estimate is expected to be submitted to the Division office on August 6, 1976. One Division office engineer worked 6 days prechecking notes, computations and quantities.

ERFO 72 (12) Babb North
to Kennedy Cr.
0.2 miles, Glacier County
Structures & Approaches
Contract Amount: $610,356.49
Contract Let: 4/1/76
Work Started: 4/13/76

Sletten Construction Co.
Great Falls, Montana
Albert W. Bonner, Fld. Proj. Mgr.
Babb, Montana
Contract Time: 140 working days
Probable Completion Date: 11/15/76

Progress has been good. Sletten Construction Co. has worked 5 days per week employing 8 to 11 men for 8 hours per day. Backwalls and diaphragm have been poured and deck steel has been started. The deck finishing machine will arrive next week. Deck drains do not meet specifications and we are waiting for a Construction Bureau decision on a submitted method of repairs by Building Sjecialties. Kraus Construction Co. has worked 5 and 6 days per week, 10 to 16 hours per day, employing 3-6 men. Riprap has been placed to near completion the Bent 1 spur dike and approximately 25% complete on the Bent 3 spur dike. The roadway fill is complete from Sta. 215 to 219 and work is progressing on the south from Sta. 211 to Sta. 214. Channel excavation is 80% complete. At the close of work 7/30/76, 64 days of the allotted 140 working days have been used. The project as a whole is 73% complete with 46% of the total working days used. Engineering crew has consisted of 2 to 3 people, working 8 to 14 hours per day, 5 days per week.

SMP-0899-76
Couteau, Glacier
and Hill Counties
Crushing & Stockpile
Contract Let: 1/23/76
Contract Amount: $118,078.00
Work Started: 3/31/76

Francis M. Tindall
Lewistown, Montana
William J. Neely, Lab. Supr.III
Havre, Montana
Telephone No. 265-6821
Contract Time: 60 working days
Probable Completion Date:10/15/76

No work on this project. All contract items are 100% complete. Contract time has been suspended, until seeding of pit area can be accomplished, in accordance with Art. 17:13 (F) 2. The project as a whole is 96% complete. 100% of the original contract time has elapsed and 80% of extention time remains. All project notes and data was submitted to the Division office on 7/22/76. All gravel quantities have been checked by Division Office personnel.

TQX-220 (14) Cut Bank-West
4.95 mi. Glacier County
Pl. mix Surf. overlay
(skid correction)
Contract Not Let

James A. Dolan, Fld. Proj. Mgr.
Shelby, Montana
Telephone No. 434-2022

A three man engineering crew worked 3 mandays locating centerline points, placing offset centerline stakes and checking roadway width.

Respectfully submitted,

For H. D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
JULY 29, 1976

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending July 27, 1976.

GENERAL

Progress throughout the Division was fair. The weather was mostly fair with temperatures ranging from +50° to +100°.

PRECONSTRUCTION

I-94-7(11)244, YATES ACCESS ROAD
Length - 2.2 Miles
Survey Authorized - March 8, 1976

Gerald L. Kuester, Designer II
Glendive, Mont. - Phone 365-5296
Est. Design Comp. Date-Sept. 15, 1976

During the past period one man day was used making Linen Summary Sheet. Design is estimated 70% complete.

F-RF-245(12), SAVAGE - CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

David A. McCloy, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - May 1, 1977

During the past period no work done on this project. Flyline, centerline, bench levels and cross-sections are 100% complete. Plotting Plan and Profile are 99% complete, irrigation and drainage items are 99% complete, and section ties are 99% complete. This survey remains 99% complete with 781 man days used to date.

RF-325(9), SIDNEY-FAIRVIEW
Length - 11.6± Miles
Reconnaissance Survey

David A. McCloy, Field Proj. Manager
Glendive, Montana - Phone 365-5296

No work done on this project during the past period. The survey as a whole is estimated to be 25% complete with 399 man days used.

RS-31(7), CIRCLE - NORTHWEST
Length - 10.524 Miles
Survey Authorized- March 20, 1974
Survey Started - September 17, 1975

H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Est. Comp. Date - April 30,1977

Survey was suspended March 1, 1976 with 416.5 man days used to date. The survey is approximately 47% complete.

RS-302(24), BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing is scheduled Aug. 10, 1976.

RS-347(15), ALZADA - EKALAKA
2nd SECTION - 18.4 MILES
Survey Authorized - March 4, 1970

Unassigned

Targets were set and aerial photographs taken. Work will begin when personnel are available.

PROGRESS REPORT

PRECONSTRUCTION

S-359(6), MARSH - GLENDIVE
Length - 7.0 Miles
Survey Authorized - February 23, 1973
Design Started - March 26, 1976

Gerald L. Kuester, Designer II
Glendive, Montana - Phone 365-5296
Survey Comp. Date - February 20, 1975
Est. Design Comp. Date - December 1, 1976

During the past period 8 man days were used tracing Linen Plan Sheets, plotting Template on cross-sections and working on Grade Line. Design is 9% complete with 28 man days used to date.

RS-361(13), PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - Dec. 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer II
Glendive Montana - Phone 365-5296
Design Started - July 1, 1971
Estimated Design Comp. - Dec. 31, 1978

Design of this project remains 11% complete with 25 man days used to date.

CONSTRUCTION

I-IG-94-5(14)181, FALLON-DAWSON CO. LINE
I-94-5(17)165, POWDER RIVER RAMPS
I-94-5(18)174, TERRY-FALLON SAFETY
Length - 13.2 Miles
Grade, Agg. Surf., Plant Mix Surf.,
Signing and Structures
Contract Awarded - March 31, 1976
Amount of Contract - $5,750,377.63
Work Started - April 12, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H.D. Kelly, Fld. Proj. Mgr. -- Roadway
C.H. Neiffer, Fld. Proj. Mgr. -Structures
Glendive, Montana - Phone 365-2877
Contract Time - 260 Working Days
Probable Comp. Date - November 30, 1977

Progress this past period has been fair. Prime Contractor, Joe Mayo and Son, Inc. employed 66 men for 10-nine hour shifts excavating and placing 69,901 cu. yds. of unclassified excavation making this item 38% complete and 39,025 cu. yds. of unclassified borrow making this item 25% complete, crushed and hauled 23,496 tons of 1½" CBS. Type "A" Gr. 5 to East and Westbound lanes making this item 22% complete and 10,822 tons of 3/4" Type "A" Gr. 2 to Old U.S. #10 making this item 52% complete. Structure Sub-contractor, Swingen Construction, employed 20 men for 10-eight hour shifts depositing concrete for columns on Bent #2 East and West bound and footings for Bent #3 East and West bound on the bridges over the B.N. Railroad, driving steel bearing piles for Bent No. 1 and depositing concrete for caps on Bents No. 1 and 5 at the Fallon Interchange, and received and erected 5 Type I 45' Prestressed Beams and began forming superstructure on the bridge over the Buffalo Rapids Canal. Project as a whole is 20% complete with 61 working days or 23% of the contract time elapsed. Construction layout remains 86% complete with 11 engineers and 8 inspectors or testers employed this past period.

I-94-5(15)183 UNIT I
FALLON-DAWSON COUNTY LINE
Length - 0.221 Miles
Bridge Substructure and Approaches
Contract Awarded - July 29, 1974
Amount of Contract - $2,167,615.36
Work Started - August 7, 1974

Sletten Construction Co.
P.O. Box 2467, Great Falls, Montana
H.D. Kelly, Fld. Proj. Mgr., App's
A.J. Kuntz, Fld. Proj. Mgr., Substr.
Glendive, MT - Phone 365-5296
Contract Time - 300 Working Days
Comp. Date - April 21, 1976

All work was completed on this project April 21, 1976. The supporting data for the bridge portion of the contract has been turned into the Division Office where final checking is 90% complete. The grading portion of the final estimate is an estimated 80% complete with 1 to 2 engineers employed part-time this past period.

PROGRESS REPORT

CONSTRUCTION

I-94-5(15)183 UNIT 2
FALLON-DAWSON COUNTY LINE
Fabrication and Erection of Structural Steel
Contract Awarded - March 31, 1975
Amount ofContract - $3,344,000.00
Work Started - September 22, 1975

Pittsburgh Des Moines Steel Co.
1015 Tuttle St., Des Moines, Iowa
A.J. Kuntz, Field Project Manager
Glendive, Montana - Phone 365-5296
Contract Time - 130 Working Days
Prob. Comp. Date - December 1, 1976

Progress during the past period has been poor. Ten 8-hour shifts were worked with 16 to 20 employed. 4,345,710 lbs. or 78% of the structural steel has been delivered with the larger portion stored at the railway sideing. Hauling of girders were being hauled from railway sideing to project site this past period. Erection of Cableway was in progress and expected to be complete on July 28, 1976. Bearing areas were being leveled by bush-hamering to proper grade. Project as a whole remains 3% complete with 0 working days used or 0% of the contract time elapsed. Construction layout with one engineer assigned is 30% complete.

I-LSI-94-6(27)192
BAD ROUTE REST AREA
Single Rest Area & Landscaping
Contract Awarded - June 24, 1974
Amount of Contract - $187,685.20
Work Started - August 7, 1974

Rainmaker, Inc.
1831 Main, Billings, MT 59101
H.D. Kelly, Field Project Manager
Glendive, Montana - Phone 365-2877
Contract Time - 120 Calendar Days
Prob. Comp. Date - May 2, 1977

The project was conditionally accepted July 11, 1975 and was opened to the public on July 18, 1975. Acceptance is conditional as per Special Provision 17.44. Plant Establishment Period ending Sept.1, 1976. The constractor has not been present for any of the monthly ispections of the plants. All inspections have been made by the Project Manager with written reports of the findings being submitted to the contractor. The contractor has advised that none of the 35 various shrubs and trees that require replacement can be obtained this planting season. Therefore plant replacement will probably not be completed until the Spring of 1977. The project remains 99% complete with 100% of contract time elapsed. The final notes and white prints have been checked in the Division Office.

I-94-6(23)202, GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST & WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surfacing
Signing, Guard Rail and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
Dennis C. Tenney, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr. ,Structures
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Prob. Comp. Date - October 31, 1976

Progress this past period was fair. Prime contractor Joe Mayo & Son working ten 9-hour shifts employing 12 to 30 men. Work consisted of installing 228 Lin. Ft. of culverts, hauling and compacting uncl. exc. for a total to date of 1,010,007 cu. yds. for 71% complete. Sub-contractor steel structures worked six 8-hour shifts employing 6 men. Work consisted of installing SSDA culverts for 83% complete. Sub-contractor F.L. Flynn & Co. working ten 8-hour shifts employing 14 to 21 men. Work consisted of placing 251 cu. yds. Class AD concrete for Deck Slab & left curb on structure @ Sta. 2979+27.1 for 63% complete. Rein. Steel 61% complete, set 4-45' ft. prestress beams for 100% complete, set 6-105 ft. prestress beams for 100% complete, placed 187 sq. yds. of concrete slope protection for 50% complete. The project as a whole is 58% complete with 133 working days used or 55% of the contract time elapsed. Construction layout with 4 men employed is estimated to be 81% complete.

RF-245(27), GLENDIVE-SIDNEY, SAVAGE-SOUTH
Length - 2.6 Miles
Grade, Aggr., Surf., Plant Mix
Bituminous Surf. and Signing
Contract Awarded - January 24, 1975
Amount of Contract - $538,934.96
Work Started - April 15, 1975

Earth Builders, Inc.
Box 838, Bismarck, North Dakota
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 120 Working Days
Prob. Comp. Date - Aug. 30, 1976

All major items are 100% complete. Final acceptance will be made at a later date.

RF-246(21)
LINDSAY - NORTH & SOUTH
Length - 9.6 Miles
Grade, Aggr., Surf., Plant Mix Surf. & Drain
Contract Awarded - June 13, 1975
Amount of Contract - $1,446,967.13
Work Started - November 6, 1975

Gus M. Albert, Contractor
Box 370, Miles City, Montana 59301
David A. McCloy, Field Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 220 Working Days
Prob. Comp. Date - October 1, 1976

Progress this past period has been fair. Prime Constractor, Gus Albert worked ten 9-hour shifts crushing & placing 45,558 tons of 1½" CBC Type "A" Gr. 5, also hauled and placed 14,446 tons plant mix Bit, Surf. Type 3 and shot 36 tons of MC-70 prime oil; a total of 40 men were employed. Sub-contractor, Rehbein Construction Co. worked five 10-hour shifts, four 11-hour shifts, one 8-hour shift installing 113 L.F. of culverts making the drainage items as a whole 94% complete; hauling and placing 27,426 cu. yds. uncl. exc. for a total to date of 465,000 cu. yds. or 98% complete. A total of 17 men were employed. Sub contractor, Swan & Son's worked two 8-hour shifts placing 8.0 cu. yds. of Class AC-DC concrete for concrete chute, a total of 4 men employed. The project as a whole is 74% complete with 146 of 228 calendar days or 64% of the contract time elapsed. The construction layout with 15 men engaged is 95% complete.

RF-391(16), LAMBERT - EAST & WEST
Length - 43.2 Miles
Plant Mix Bitum, Surf. & Seal Cover
Contract Awarded - May 3, 1976
Amount of Contract - $1,767,363.50
Work Started - June 7, 1976

Earth Builders, Inc.
Box 838, Bismarck, No. Dakota
James Baldwin, Field Proj. Manager
Culbertson, Montana
Contract Time - 110 Working Days
Probable Comp. Date - June 1, 1977

Progress this past period has been good. 12 men on crushing crew worked sixteen 8-hour shifts crushing and stockpiling grade "C" plant mix aggregate out of Pit Lab # 464816-26 on a 2 shifts per day basis. Approximately 90,000 tons or 78% of the aggregate produced to date. 45 men on hot plant crew working 11 hour shifts 5 days per week this past period. Both lifts of plant mix surfacing completed on the westerly 14 miles of the project and the first lift has been completed on the easterly 10 miles with plans to complete the 2nd lift on the east end so as to complete the long haul portion of the project and to have a goodly section ready for seal and cover operations. 64,000 tons of grade "C" plant mix surfacing has been placed to date for 55% complete. The project as a whole is estimated to be 39% complete with 43 or 39% of the contract time elapsed A seven man state inspection crew is engaged on quality control. The construction layout with a 6man engineering crew engaged is 60% complete. Estimated date of completion is June 1, 1977.

RS-128(12), WIBAUX COUNTY LINE - NORTH
Length - 5.722 Miles
Grade, Aggr. Surf., Pl. Mix Base and Drain
Contract Awarded - May 17, 1976
Amount of Contract - $1,089,598.12
Work Not Yet Started

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
James Baldwin, Field Proj. Mgr.
Culbertson, Montana
Contract Time - 160 Working Days
Probable Comp. Date - June 30, 1977

No work on the project to date. Some activity expected soon as a load of re-steel for the bridge arrived on the project on July 23, 1976. 28 days or 18% of the contract time elapsed. The construction layout with a 6 man engineering crew engaged remains at 75% complete. Construction staking notes submitted to Helena on July 13. Survey crew has been engaged on another project this past period.

PROGRESS REPORT

CONSTRUCTION

RS-128(14), 9 MI. NORTH OF WIBAUX - NORTH
Length - 4.5 Miles
Grade, Agg., Surf. Drain
Contract Awarded - May 21, 1975
Amount of Contract - $502,201.62
Work Started - July 3, 1975

Neshem-Peterson, Inc.
Box 68, Berthold, No. Dakota 58718
Dennis C. Tenney, Field Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 150 Working Days
Prob. Comp. Date - August 31, 1976

Progress this past period has been fair. Prime Contractor Neshem-Peterson, Inc. worked ten 9-hr. shifts hauling and placing 124,335 cu. yds. Uncl. Exc. for a total to date of 497,772 cu. yds. or 95% complete. Also placing topsoil on slopes for 78% complete. Contractor poured 21.5 cu. yds. Class "DD" Concrete for cut off walls and edge protections making this item 45% complete. A total of 33 men employed. Culvert Subcontractor, Sherrodd, Inc., worked one 15-hour shift on minor drainage making this item as a whole 90% complete. Also installed 72 rods farm fence making this item as a whole 77% complete. A total of 3 men employed. The project as awhole is 77% complete with 151 of 152 calendar days used or 99% of the contract time elapsed. The construction layout with 3 to 4 men engaged is estimated 90% complete.

RS-302(23) TERRY-BROCKWAY
Length - 5.467 Miles
Grade, Aggr. Surf. Plant Mix Bitum. Base
Seal and Cover and Signing
Contract Awarded - March 31, 1976
Amount of Contract - $1,085,633.08
Work Started - May 24, 1976

Joe Mayo & Son, Inc.
Box 310, Cavalier, No. Dakota 58220
H.D. Kelly, Field Proj. Manager
Glendive, Montana 59330Phone-365-5296
Contract Time - 180 Working Days
Prob. Comp. Date - June 1, 1977

There has been no work on the project this past period. Prime Contractor, Joe Mayo & Son Inc. has indicated that grading operations will begin in August 1976. Project as a whole remains 5% complete with 62 working days or 34% of the contract time elapsed. Construction layout remains 80% complete with no engineers employed this past period.

RS-347(17), ALZADA-EKALAKA
Length - 4.3 Miles
Grade, Aggr., Surf. Pl. Mix Base and Signing
Contract Awarded - November 24, 1975
Amount of Contract - $860,118.32
Work Started - March 25, 1976

Joe Mayo and Son, Inc.
Box 310 Cavalier, No. Dakota 58220
B.F. Kelly, Field Project Manager
Ekalaka, Montana - Phone 775-5582
Contract Time - 130 Working Days
Prob. Comp. Date - September 30, 1976

Progress this past period has been good. Contractor Joe May and Son, Inc. employed up to 46 men. Worked six various shifts producing 9321 tons of 1" Pl. Mix Bit. Base making a total of 13,901 tons to date or 100% complete. 80 tons of hydrated lime used this past period making a total to date of 236 tons or 100% complete. Used 644 tons of SC-3000 making a total to date of 1729 tons or 100% complete. 6 cu. yds. of Bank Protection - Type 3 placed making this item 100% complete. The other items remain the same. The project as a whole is 85% complete with 58 working days or 44% of contract time elapsed. Construction layout with four to ten men employed is estimated 89% complete.

Respectfully,

Bruce Russell

Bruce Russell, Supervisor
Division Construction Section

BR/ns

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
July 30, 1976

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

PROGRESS REPORT

Division 4230

Department of Highways
Helena, Montana

Gentlemen:

The following Construction Progress Report is for the period ending July 30, 1976.

GENERAL

The weather has varied from cool to warm with strong gusty winds and measureable amounts of precipitation this past period. Progress on road construction has been fair. Off system roads and signing projects are progressing slowly. The temperatures ranged from a low of 62 to a high of 96 degrees.

PRECONSTRUCTION

F 193 (22), Plentywood-South
Approximately 10 Miles in Length
Authorized--05-27-70
Location Survey Started--12-09-74
Survey Suspended--04-25-75
Survey Suspended--04-26-76

James E. Baldwin, Field Proj.Mgr.
Culbertson, Montana
787-5701
Est. Compl.Date--03-31-77

No work on project the past period. Centerline and bench levels remain at 60% complete, section ties at 15%. Field work on project suspended until the end of the current construction season. Estimated date of completion is March 31, 1977. The location survey as a whole is 22% complete with 235 man days used to date.

RS 239 (5), Nashua-North
Approximately 8 Miles in Length
Authorized--10-08-74
Location Survey Started--01-07-75

Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Est.Compl. Date--09-15-76

No work accomplished on project the past period. Cross sectioning remains 12% complete and mainline topography is 75% complete. Centerline, bench levels and utility topography are 100% complete. Survey is 48% complete or the mile equivalent of 3.8 miles. A total of 202 man days have been used to date on location survey. Milar detail map is 75% complete.

RS 257 (5), Tampico-Glasgow
Approximately 8 Miles in Length
Authorized--12-01-71
Location Survey Started--05-20-74
Survey Suspended--06-21-74
Survey Resumed--01-30-75
Survey Suspended--04-22-75
Survey Resumed--01-12-76
Design Started--03-22-76

Robert M. Hanson, Designer II
Wolf Point, Montana
653-1050
Act.Compl.Date--04-02-76 (Location)
Est. Compl.Date--08-15-76

RS 257 (5), Tampico-Glasgow (Continued)

Centerline, bench levels, topography and cross sectioning are 100% complete. The tying of section corners is 100% complete. Additional section ties were requested by Division Office personnel and these are being obtained. The location survey is 100% complete. Milar detail map is 90% complete. A total of 404 man days have been used to date on location. No man days were used on design. A total of ninety-one man days have been used to date on design which is 30% complete. Linen plan sheets submitted to Helena for right of way and utility prints.

RF 266 (14) Scobey-South
Approximately 11.4 Miles in length
Authorized 01-22-75
Location Survey Started--

Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Est. Compl. Date--

Public hearing held on October 7, 1975. Preliminary alignment has been established on auto screen map. Property owners have been contacted for written authorization to survey.

CONSTRUCTION

S 8 (18), Opheim-East
11.735 Miles in Length
GR.,AGG.SURF.,PL.MIX.BIT.BASE & SIGNING
Contract Let--10-25 73
Contract Awarded--10-26-73
Work Started--04-24-74
Proceed Order Date--04-16-74
Bid Price--$848,538.65

Zook Brothers Construction Company
Great Falls, Montana
George L. Nelson, Field Proj.Mgr.
Opheim, Montana
762-3292
Calendar Days--270+69
Actual Compl. Date--08-16-75
(254 Cal. Days)

Project is 100% complete. Final estimate being held in Division Office until additional data is furnished by contractor for change order documentation.

RS 15 (17) & RS 202 (6),
Poplar-North and Brockton-North
Contract Let--05-13-76
Contract Awarded--05-17-76
Proceed Order Date--06-07-76
Work Started--
Bid Price--$342,345.22

Earth Builders, Inc.
Bismark, North Dakota
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--60
Prob. Compl. Date--10-15-76

Contractor plans to begin work between August 1st and 15th. Project is 0% complete with 43% of the contract time elapsed. A three to four man engineering crew is periodically engaged on the project.

RS 98 (7), Wolf Point-North & East Loop
(West Section)
13.5 Miles in Length
PLANT MIX BITUMINOUS OVERLAY & SEAL & COVER
Contract Let--06-12-75
Contract Awarded--06-13-75
Work Started--07-10-75
Proceed Order Date--07-17-75
Bid Price--$412,133.50

Gus M. Albert, Contractor
Miles City, Montana
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--100
Prob.Compl.Date--10-15-76

RS 98 (7), Wolf Point-North & East Loop
(West Section) (Continued)

Project is 99% complete with 70% of the contract time elapsed. The only work remaining is seeding gravel pit area which will be accomplished this fall. One engineering personnel working periodically on the final.

RF 153 (12), U-1 Dodson-North
0.3 Miles in Length
GR.AGG.SURF.,ROAD MIX SURF.,& STRUCTURE
Contract Let--08-12-75
Contract Awarded--08-28-75
Proceed Order Date--09-18-75
Work Started--10-31-75
Bid Price--$396,059.08

Baltrusch Const.,Inc. & Affiliates
Havre, Montana
George L. Nelson, Field Proj.Mgr.
Malta, Montana
654-1391
Working Days--120
Prob.Compl.Date--08-31-76

Sub-contractor, Bozeman Sand and Gravel employed three to five men on nine to eight hour shifts this last period. Major work consisted of completing 24" CSP at Sta. 14+33 and SSPPAC at Sta. 10+50, excavating channel change Lt. 10+50, processing and laying road mix bituminous surfacing and removing detour. Grading items are approximately 90% complete, drainage items are 88% complete and the structure is 100% complete. The project as a whole is 78% complete with 79% of the contract time elapsed. One or two engineering personnel computing quantities and on inspection.

RF 193 (23) U-1, Froid-North and RS 206 (3)
Homestead East and West
15.16 Miles in Length
GR.AGG.SURF.,PL.MIX.BITUM.SURF.,SIGNING & PL. MIX BITUM. OVERLAY
Contract Let--04-24-74
Contract Awarded--04-26-74
Proceed Order Date--05-22-74
Work Started--07-01-74
Bid Price--$1,561,581.00

Meyer Construction Company
Billings, Montana
James E. Baldwin, Field Proj.Mgr.
Culbertson, Montana
787-5701
Calendar Days--330+40
Act. Compl. Date--05-21-76
(322 Working Days)

Eighteen man days were used by division office personnel checking final data which is 85% complete and will be submitted to Helena about July 30th.

RF 240 (13)
Lighting on U.S. 2 East-Wolf Point
0.53 Miles in Length
Contract Let 06-10-76
Contract Awarded 06-15-76
Proceed Order Date--07-06-76 (See S.P.1B)
Work Started--
Bid Price $36,696.00

Midland Electric Co., Inc.
Billings, Montana
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--45 (See Special Provisions)

No progress to date.

RS 337 (15), Loring-South
8.964 Miles in Length
GR.AGG.SURF.,PL.MIX BIT. BASE
Contract Let--09-26-74
Contract Awarded--09-27-74
Proceed Order Date--10-18-74
Work Started--04-16-75
Bid Price--$989,941.10

Gus M. Albert, Contractor
Miles City, Montana
George L. Nelson, Field Proj.Mgr.
Malta, Montana
654-1391
Working Days--150
Prob. Compl. Date--07-16-76

The project remains 100% complete with the exception of the seeding of the gravel pit area which cannot be accomplished until the fall seeding season. 144 of the 153 contract working days have been used for 94%. One or two engineering personnel working on final quantities. Estimated submittal date for final to date without seeding quantities is 08-13-76.

SMP 4399-75, Maintenance Stockpiles
McCone, Richland, Roosevelt, & Valley Counties
CRUSH & STOCKPILE
Contract Let--12-18-75
Contract Awarded--12-19-75
Proceed Order Date--01-09-76
Bid Price--$171,460.00

Francis Tindall, Construction
Lewistown, Montana
Duane J. Novakovich, Field Proj.Mgr.
Wolf Point, Montana
653-1301
Working Days--95

Project is 100% complete with the exception of final cleanup and seeding of the pit areas. 94% of the contract time has elapsed. One engineering personnel working periodically on the final.

Respectfully submitted,

For Vernon D. Borden, P.E.
Supvr.-Div. Const. Section

VDB:BH:cc

cc: Field Project Managers
Don Williams
File

Progress Report
Division 5130

DEPARTMENT OF HIGHWAYS
Billings, Montana

July 30, 1976

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

Following is a report on Highway Preconstruction and Construction projects in Area Function 5130 for the reporting period ending July 30, 1976.

GENERAL

Temperatures ranging from +55 to +95 degrees prevailed during the reporting period. A varying amount of precipitation was received throughout this area.

Fair progress has been reported on the construction projects.

PRECONSTRUCTION

I 90-9(49)510
Custer Battlefield Intch. Revision
Length 0.5 Miles
Survey Authorized 6-11-76
Work Not Started

Robert E. Ewing, Fld. Project Mgr.
Garryowen, Montana
Phone No. 638-2255
Probable Completion Date 2-1-77

Work will commence as soon as personnel are available.

U 53(18) Wicks Ln.-Bench Blvd.
Length 1.0 Miles
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 11-30-77

No work was accomplished on this project during the last reporting period. Design work is 25% complete and the estimated completion date is November 30, 1977.

M 1020(1) 1st Ave. North
Billings Division to 22nd
Length 1.1 Miles
Survey Authorized 2-10-75
Work Not Started

Billings Division Office
Billings, Montana
Probable Completion Date 3-1-77

Survey will commence as soon as personnel are available.

RF 134(11) Laurel - South
Laurel to Rockvale
12.0 Miles Reconnaisance
Survey Authorized 1-16 76
Work Started 2-2-76

John T. Miner, Fld. Project Mgr.
Hysham, Montana
Probable Completion Date 12-15 76

Work was suspended on February 20 and will continue when personnel are made available.

S 45(12) Brandenberg-Garland
8.743 Miles Design Work
Design Started 5-5-75

James M. Young, Designer II
Billings, Montana
Probable Completion Date 1-31 76

Two employees worked on this project during the last reporting period checking data on the plans and cross sections. Design work is 52% complete.

RS 129(15) Columbus - North
3.6 Miles
Survey Authorized 12 10-75
Survey Started 12-22-75

Michael Zahn, Fld. Project Mgr.
Columbus, Montana
Probable Completion Date 7-15-76

No personnel were assigned to this project during the past reporting period. The project remains 67% complete with 234 man days reported to date.

S 252(4) Rosebud South (North Section)
8.100 Miles Design Work
Design Started 2-2-76

James M. Young, Designer II
Billings, Montana
Probable Completion Date 12-31 76

Three employees worked on this project during the last reporting period plotting templates and notes on the cross section sheets. Linen plans and cross sections will be submitted to Helena for printing of Pre Plan-In Hand and Public Hearing Plans within the near future. Design work is 25% complete.

S 260(10) Lodge Grass - St. Xavier
6.495 Miles Design Work
Design Received 9-30-74

James M. Young, Designer II
Billings, Montana
Probable Completion Date 5-20-77

No work was accomplished on this project during the last reporting period. Design work is 50% complete.

DP 334(26) Crow Agency - Busby
Photogrammetric Control 27.4 Miles
Date Authorized 12-3-75
Survey Started 12-22-75

Raymond Schaak, Fld. Project Mgr.
Busby, Montana
Phone No. 592-3663
Probable Completion Date 9-15-76

No work was accomplished by the field engineering crew during the past two weeks. All personnel are assigned to construction project RF-FLH 334(25). The project is 44% complete.

I-IG 90-8(64)391 U1 & I 90-8(70)388 U3
Reedpoint - East
7.7 Miles-Grading, Agg. Surf., Pl. Mix Bit. Base Surf., & 284' Structure
Amount of Contract - $3,273,435.74
Work Started 6-26-75
Contract Awarded 6-5-75

Clark Brothers, Contractor
Victor, Montana
Don Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Columbus, Montana
Phone No. 322-5952
Contract Time: 260 Working Days
Probable Completion Date 9-30-76

The subcontractor, Sletten Construction Company did not work. All bridge items remain the same as previously reported. Empire Sand and Gravel Company, Inc., subcontractor on the project hauled 4,013 tons of 1½" Base Course to the roadway for a total to date of 162,407 tons. The Prime (MC-70) items are 69% complete. The subcontractor worked one 9-hour shift per day with nine men employed. Surfacing items are 55% complete. Frank Gurney, Inc., subcontractor on the subject project is working one 8-hour shift per day with five men employed. They are installing guardrail. Guardrail items are 44% complete. Swan and Son Construction Inc., subcontractor on the subject project is working one 8-hour shift per day with three men employed. They installed one cattle guard making fencing items 62% complete. Clark Brothers Contractors did not work. All items previously reported remain the same. Construction layout is 93% complete. A nine man engineering crew has been inspecting construction, running poppy line, computing quantities and checking notes. The project is 89% complete with 53% of the contract time elapsed.

I 90-9(28)509 U1 Garryowen N. & S.
8.1 Miles of Grading Agg. Surf., Pl. Mix Surf., Fencing Signing & Related Items
Contract Let 4-24-75
Amount of Contract - $4,304,984.48
Work Started 6-12-75

Wickens Brothers and Empire Sand & Gravel Co's., Contractors
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 280 Working Days
Probable Completion Date 10-30-76

Fair progress. The contractor and subcontractors worked five 9-hour shifts with 40 men employed. Grading being done on the East Frontage Road from Stations 890+ to 955. Finishing from 911+ to 955 and 52 to 98 East Frontage Road 4500 cubic yards unclassified excavation hauled for a total of 27,500 cubic yards or 23% completed for this item. Borrow is 91% complete. Placing top soil from Station 911 to 100. 162 lineal feet of culverts installed for a total to date of 5,592 lineal feet of culverts installed or 87% complete on this item. Contractor crushing 3" and 1½" gravel and placing 36,650 tons of 3" gravel on roadway Westbound from Station 28 to 125 and 191 to 240 for a total to date for 3" gravel of 36,650 for 15% complete. Placing 1½" gravel on East Frontage Road Station 122+88 to 125+50, West Frontage Road from Station 111 to 174 for a total to date of 3,484 for 6% complete. Installation of two 32 foot cattleguards on "G" line at Station 0+50 and 4+48.6, and on left East Frontage Road 915+ and 149+85. On the FI-188 portion of this project, subcontractor backfilling scale pits and 6" drain pipe at weigh stations. On the I 90-9(34)491 portion of this project, subcontractor

is installing guide signs. The contract as a whole is 40% complete with 55% of time elapsed or 156 days used. A fifteen person engineering crew is engaged in blue topping, staking, remeasuring, gravel checking, various inspections and related office work.

I 90-9(28)509 Unit 2
Structures on Garryowen
North and South
0.030 Mile in Big Horn Co.
Contract Let 8-15-74
Amount of Contract - $638,451.76
Work Started 10-16-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 170 Working Days
Completion Date 5-11-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 95% complete. Nine man days have been charged to the project this newsletter period.

I 90-9(48)500 Crow Agency Frontage Rd.
8.3 Miles Agg. Surf., Plant Mix Base
Amount of Contract - $370,789.95
Contract Let 12-18-75
Contract Awarded 12-23-75
Work Not Started

Empire Sand & Gravel, Contractor
Billings, Montana
Robert E. Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 120 Working Days
Probable Completion Date 10-30-76

The contractor as of yet has not moved in on this project. No work being done by the engineering crew. There has been 43% of the time elapsed or 51 days used.

I 94-1(27)23 Unit 1
Grading and Fencing on the
Pompeys Pillar-East (West Sec.)
Road in Yellowstone County
Contract Let 6-13-74
Amount of Contract - $2,257,636.45
Work Started 7-1-74

Wickens Brothers, Contractor
Suffolk, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 350 Calendar Days
Probable Completion Date 8-15-76

No progress. Work on the project has been suspended pending the completion of the surfacing. The grading is 99% complete. Fencing is 92% complete. Seeding is 99% complete. Drainage and surfacing items are 100% complete. The project is 98% complete with 77% of the contract time elapsed. No engineering personnel were assigned to the project. The engineering layout is 98% complete.

I 94-1(27)23 Unit 2
Structure on Pompeys Pillar
East (West Section)
0.085 Miles in Yellowstone Co.
Contract Let 8-15-74
Amount of Contract - $1,219,075.98
Work Started 9-12-74

F. L. Flynn & Company, Contractor
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 230 Working Days
Completion Date 7-2-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 95% complete. Fifteen man days have been charged to the project this newsletter period.

I 94-1(41)23 Pompeys Pillar-East
Agg. Surf., Plant Mix Surf.,
Gr. Rail & Signing
11.526 Miles-Yellowstone County
Contract Let 11-14-74
Amount of Contract - $2,147,544.57
Work Started 11-22-74

Hilde & Maronick Const. Company
Helena, Montana
Roddo Bakich, Fld. Project Mgr.
Phone No. 875-2503
Pompeys Pillar, Montana
Contract Time: 200 Working Days
Probable Completion 8-15-76

Fair progress. The contractor worked ten 8-hour shifts placing aggregate and plant mix surfacing on the approaches to the recently completed structures at Stations 63+78; 79+00 and 281+50. Grading and topsoiling of borrow pits was also completed. R. C. Schmoll, subcontractor worked five 8-hour shifts installing delineators and mile posts. A total of 14 men were employed. The aggregate surfacing, plant mix surfacing, guardrail and signing are 100% complete. Only bituminous curb, striping, pit seeding, detour removal, finishing and general cleanup work remain to be done. The project is 98% complete with 64% of the contract time elapsed. Two persons were assigned to the project as inspectors and one man worked in the office. The engineering layout is 97% complete.

I 94-2(17)60 Ul & I 94-2(19)56
Hysham East and West
21.6 Miles of Add 2 Lane
Gr. Agg. Surf., PMBB & PMBS
Signing and Structures
Contract Let 5-29-75
Amount of Contract - $4,998,829.68
Work Started 7-3 75

Empire Sand & Gravel Company
Wickens Brothers (JV)
Billings, Montana
John T. Miner, Fld. Project Mgr.
Hysham, Montana
Phone No. 342 5317
Contract Time: 300 Working Days
Probable Completion Date 7-1-77

Poor progress. No working days have been lost due to adverse weather conditions. Two subcontractors are presently working on the project. Frank Gurney, Inc., is engaged in removing median guardrail on a two mile section near the west end of the project. Gurney is using seven men working five 8-hour shifts weekly. Swan and Sons Construction is engaged in installing cattle guards at the Ranch access Interchange. Four men are being employed and work is scheduled for five 8-hour shifts weekly. Percentage complete of the various items are as follows: Grading 77%. Drainage 78%. Surfacing 11%. Structure 97%. Fencing 67%. Signing 4%. Project as a whole 43%. Six employees are presently assigned to the projects. Construction layout is now 50% complete. 157 of the allotted 300 working days have now been used, making 52% of the contract time elapsed.

I 94-2(17)60 Unit 2
Structures on Hysham East & West
0.061 Miles in Treasure County
Contract Let 5-29-75
Amount of Contract - $587,720.44
Work Started 7-1-75

Huchaba Construction, Contractor
Whitehall, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252 4138
Contract Time: 175 Working Days
Probable Completion Date 9-1-76

Fair progress. The contractor worked ten 8-hour shifts and employed six men on the project. The contractor is stripping and finishing at Station 1040 and

finishing at Stations 840 and 1334. Changes in the contract items are: Concrete 90%. All other items remain the same. The project is 93% complete with 151 days, of which five days are time extensions, or 86% of the contract time elapsed. Structure staking and computations are 87% complete. Sixteen man days have been charged to the project this newsletter period.

RF 188(9) Center Ave. & 3rd St.
Hardin Streets
Gr., Agg. Surf., PMBB, Pl. Mix
Surf., Curb and Gutter, Drain
Sign and Light
Contract Awarded 4-2-76
Amount of Contract - $1,490,610.15
Work Started 4-22-76

Cop Construction Co., Contractor
Billings, Montana
Donald C. Kittelson, Fld. Project Mgr.
Hardin, Montana
Phone No. 665-3995
Contract Time: 180 Working Days
Probable Completion Date 5-1-77

Good progress. Drainage work in progress has been the excavation for and the installation of the storm drain and manholes between 3+70 and 6+50 on Crawford Ave., and the installation of Irrigation pipe on Center Avenue between 34+60 and 36+79, and the installation of curb inlets and drain pipe on 3rd Street between Station 105+00 and 148+91.1. Grading work is in progress on Center Avenue between Station 24+60 and 67+00. 1½" Crushed Base Course is being hauled and placed on 3rd Street Between Station 105+00 and 148+91.1, and on Crawford Avenue between 0+45 to 7+20. Third Street has been primed between Station 106+00 and 148+91.1. Curb and gutter work began on 3rd Street on July 27, 1976. The Subcontractor, Sandon Construction Company, worked one 8-hour shift with four men employed. The contractor worked ten 8-hour shifts with twenty men employed. A total of 24 men were employed on the project this reporting period. The miscellaneous items are 15% complete. Grading items remain 45% complete. Drainage items are 58% complete. Fencing items remain 43% complete. Surfacing items are 33% complete. The project as a whole is 36% complete with 60 days of the 183 working days allowed having been used, or 33% of the contract time elapsed. One six man survey crew has been pipe staking, bluetopping subgrade and gravel and staking curb and gutter. Two men have been working in the office on drainage and quantity notes. One man is on pipe and compaction inspection. Two men are on curb and gutter inspection. A three man crew is assigned to the gravel operation. Engineering layout is 50% complete.

RF-FLH 334(25) Busby-Lame Deer 3rd Sec.
Crow Agency - Broadus Road
Grade, Drain Agg. Surf., Pl. Mix
Bit. Surf., & Signing 5.8 Miles
Amount of Contract - $2,257,153.79
Contract Awarded 6-9-75
Work Started 9-29-75

Hilde Construction & Maronick Const.
East Helena, Montana
Raymond J. Schaak, Fld. Project Mgr.
Phone No. 592-3663
Busby, Montana
Contract Time: 180 Working Days
Probable Completion Date 10-15-76

Good progress. The contractor worked four double 9-hour shifts and six 8-hour shifts on grading, eight 9-hour shifts hauling 1½" base aggregate to the roadway and four ten hour shifts on paving. Sixty men were employed by the contractor during the past two weeks. Work in progress consists of grading and installing drain culverts between Station 133 to Station 202, placing 1½" base aggregate between Station 207 to Station 280 and placing concrete slope protectors between Station 176 to Station 362. Paving operations are scheduled to begin on July 27,

1976 at Station 310+00. All items are as follows: Grading 95% complete. Drainage 96% complete. Aggregate Surfacing 64% complete. Bituminous Surfacing 2% complete. Miscellaneous 65% complete. Signing 0% complete. Erosion control 25% complete. A twelve man engineering crew is assigned to construction inspection and layout. The project is 52% complete with 58% of the contract time elapsed. Construction layout is 65% complete.

M 1006(1) Broadwater Ave.
12th to 14th St. West-Billings
Gr. Drain, Agg. Surf., Pl. Mix
Surf., and Sign 0.3 Miles
Contract Awarded 5-28-76
Contract Amount $407,470.75
Work Started 7-8-76

Cop Construction Co., Contractor
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252 4138
Contract Time: 90 Working Days
Probable Completion Date 12-1-76

The contractor, Cop Construction Company, had eight men employed and worked ten 8-hour shifts installing 144' of 48" RCP, 100' of 8" CIP, 25' of 6" CIP and finished cutting down trees. RCP 48" Class 4, is approximately 51% complete. Soil-Pipe-CI 6" Serwt. is approximately 17% complete. Soil Pipe-CI 8" Serwt. is approximately 18% complete and traffic control is approximately 2% complete. Contract time elapsed has been 25 working days or 28% to date and 65 working days remain. Engineering time charged to the project has been 34 man days during the past reporting period. The project as a whole is approximately 5% complete.

M 1008(2) Central Ave. Ramp
Gr. Drain Agg. Surf., Pl. Mix
Surf., Conc. Structure, Light
and Sign 0.443 Miles
Contract Awarded 6-4-76
Contract Amount - $337,781.47
Work Started 6-30-76

Sletten Const. Co., Contractor
Great Falls, Montana
Kenneth Bowersox, Fld. Project Mgr.
Billings, Montana
Phone No. 252 4138
Contract Time: 150 Working Days
Probable Completion Date 7 1-77

The prime contractor, Sletten Construction Company, had three men employed and worked ten 8-hour shifts excavating for footing of Abutment No. 3, drilled and grouted dowels and placed reinforcing steel and concrete for the footings and columns of bent #2. The subcontractor, Stolzenburg Inc., had eight men employed and worked ten 8-hour shifts excavating, grading and rolling the roadbed, installing the 28" x 20" Arch Culvert and one Drop Inlet. The subcontractor, Barry O'Leary Construction Co., had seven men employed and worked two 8-hour shifts hauling 3" Base Course. The subcontractor, Midland Electric Company, had two men employed and worked one 3-hour shift installing 1¼" rigid steel conduit. Excavation-unclassified is approximately 50% complete. Compaction-roadbed is about 40% complete. Traffic Control is about 40% complete. Base Course 3" Grade 2"A" is about 13% complete. Top Surfacing 3/4" Grade 2"A" is about 2% complete. Concrete Class AD is about 2% complete. Structure Excavation Type I, is about 52% complete. Reinforcing steel is about 3% complete. Excavation-culvert is about 50% complete. CSP Arch Culvert is 100% complete. Inlet-Std Drop Type 3 is about 50% complete. The conduit steel 1¼" rigid is about 53% complete. Contract time elapsed has been 22 working days or 15% to date and 128 working days remain. Engineering time charged to the project has been 36 man days during the past reporting period. The project as a whole is approximately 6% complete.

M 1012(1) & U 53(19)
Signalization
Intersections on Main & Exposition
Contract Let 11-20-75
Work Started 4-6-76
Contract Amount - $41,363.00

Midland Electric Company
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252-4138
Contract Time: 60 Working Days
Completion Date 7 2-76

All data was turned in to the Division Office on July 26, 1976. Checking is 50% complete and the final will be submitted to Helena by August 6, 1976.

M 1020(2)
U.S. 10 & Moore Lane
Street Work Lighting & Signals
Contract Let 2-28-75
Contract Amount - $179,653.25
Work Started 10-6-75

Long Construction Company
Billings, Montana
Kenneth Bowersox, Fld. Project Mgr.
Phone No. 252-4138
Billings, Montana
Contract Time: 45 Working Days
Completion Date 7 2-76

No work was accomplished on the project this reporting period. Checking of quantities and preparation of final estimate are 90% complete.

RS 129(14) Columbus-Rapelje
4.345 Miles Grading, Agg. Surf.
Pl. Mix Bit. Base, Signing &
91.25' Structure
Amount of Contract - $1,348,465.14
Contract Awarded 6-5-75
Work Started 6-30-76

Meyer Construction Co., Contr.
Billings, Montana
Donald R. Taylor, F.P.M.-Structures
Michael Zahn, F.P.M.-Roadway
Phone No. 322-5952
Columbus, Montana
Contract Time: 150 Working Days
Probable Completion Date 9 1-76

Meyer Construction Company, contractor worked one 8-hour shift per day with two men employed. They worked on cleanup around the bridge. All items previously reported will remain the same. The project is 79% complete with 69% of the contract time elapsed.

HHS 212(20) Lodge Grass North
6.0 Miles Pl. Mix Bit. Base Overlay
Skid Correction
Big Horn County
Contract Amount - $322,491.40
Contract Awarded 5-14-76
Work Not Started

Empire Sand & Gravel Co., Inc.
Billings, Montana
Robert Ewing, Fld. Project Mgr.
Phone No. 638-2255
Garryowen, Montana
Contract Time: 60 Working Days
Probable Completion Date 10-15-76

The contractor has not arrived on the project. No work is being done by the engineering crew. There has been 45% of the contract time used or 21 days used.

SMP-AR 5120-7563-1200
Structure Repair
Custer Battlefield Interchange
Contract Awarded 1-23-76
Contract Amount $28,300.00
Work Started 2-19-76

Cop Construction Company, Contr.
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 45 Working Days
Completion Date 5-11-76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 92% complete. No man days have been charged to the project this newsletter period.

SMP-AR 5120-7369-1200
Structure Repair
Sarpy Creek Interchange
Contract Awarded 5-3-76
Amount of Contract - $31,480.00
Work Started 5-24-76

Cop Construction Company
Billings, Montana
Kenneth W. Hartman, Fld. Project Mgr.
Billings, Montana
Phone No. 252 4138
Contract Time: 45 Working Days
Completion Date 7-2 76

The contractor has completed the job within the contract time alloted. Structure staking and computations are 90% complete. One man day has been charged to the project this newsletter period.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/JBR/cw

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
July 30, 1976

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending July 30, 1976, for Division 5230 - Miles City, Montana.

GENERAL

Mostly clear skies and occasional windy periods along with temperatures ranging from 48° to 104° prevailed during the period. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

RS 45 (12) - Garland-Northeast Extension
Length - Approx. 1.5 Miles
Survey Not Started

Field Project Manager - Not Assigned
Probable Completion Date: Jan. 15, 1977

Engineering personnel will be assigned to this 1.5 miles extension of Project RS 45 (12) as soon as available.

S 252 (4) - 8 Mi. So. of Rosebud-South
(South Section)
Length - 9.0 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974

Ray R. Garland, Field Project Manager
Forsyth, Montana - Tel. No. 356-2230
Probable Completion Date: June 15, 1977

To date, centerline and levels have been run and ownerships checked on 9.0 miles or 100% complete. 100 man days have been used. The survey as a whole is 29% complete.

DP 252 (5) - Rosebud-South
(Ashland-Northwest Section)
Length - Approx. 28.3 Miles
Survey Started: August 28, 1975

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: March 15, 1977

No work was performed on this project during the period. To date, ownerships have been checked and fly line run on 20.2 miles or 71% complete. 101 man days have been used. The survey as a whole is 5% complete.

DP 323 (16) - Colstrip to I-94
(Center Section)
Length - Approx. 17.9 Miles
Survey Started: January 13, 1976

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: Jan. 30, 1977

No work was performed on this project during the past period. A total of 387 man days have been used to date. Ground control work for photogammetry design has been completed. Further field work will not be performed until requested.

DP 362 (9) - Lame Deer-Colstrip
Length - Approx. 21.0 Miles
Survey Not Started

Don L. Stewart, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized July 31, 1975. Engineering personnel will be assigned when available.

DP 334 (27) - Lame Deer-Ashland
Length - Approximately 22.0 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized June 18, 1975. Engineering personnel will be assigned when available.

RF 334 (28) - Ashland-East
Length - Approximately 20.4 Miles
Survey Not Started

Field Project Manager - Unassigned
Probable Completion Date: April 15, 1977

Preliminary engineering for reconnaissance only was authorized October 20, 1975. Engineering personnel will be assigned when available.

RS 460 (10) - Boyes-South on SR-544
Length - Approximately 8.0 Miles
Survey Started: November 17, 1975

Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Probable Completion Date: June 15, 1977

Field Project Manager Robert E. Swanson and crew were assigned to this project August 1, 1975. Work in progress since that date has consisted of checking ownerships and securing Right-of-Entry Permits and establishing fly line.

CONSTRUCTION

I 94-3 (29) 90 U-1 - East Forsyth Interchange
Construction of a Dual 194' Concrete Girder Overpass & Approaches
Contract Let: May 29, 1975
Proceed Order: June 26, 1975
Amount of Contract: $514,972.17
Work Started: July 10, 1975

COP Construction Company, Contractor
Billings, Montana
Walter D. Dane, Field Project Manager
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 150 Working Days
Probable Completion Date: August 4, 1976

I 94-3 (29) 90 U-1 (Continued)

Progress during the past period has been fair. Work in progress consisted of finishing concrete for the eastbound and westbound structures and final cleanup of the bridge sites. The contractor worked five 8-hour shifts during the past period with an average of two men employed. The project as a whole is 99% complete with 92% of the contract time elapsed. The final estimate, with a two-man engineering crew engaged, is 50% complete.

I 94-3 (29) 90 U-2 - Forsyth-E & W
Length - 5.745 Mi. Grad., Gravel Surf. Pl. Mix Bit. Surf., Fencing, Sign., 254.5' West Interchange Structure, & 304.5' South Frontage Road Structure
I 94-3 (31) 83 - Forsyth-West
Length - 15.616 Miles Plant Mix Seal
RRS 384 (8) - US-12 - I Conn. - Forsyth
Length - 0.306 Miles Grad., Gravel Surf. Pl. Mix Surf., Sign., & 233.0' BN Overpass Structure
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $4,977,775.22
Work Not Started

Wickens Brothers, Contractor
Lewistown, Montana
Ray R. Garland, Field Proj. Mgr. (Roadway)
Walter D. Dane, Fld. Proj. Mgr. (Structure)
Forsyth, Mt. - Tel. No. 356-2230
Contract Time: 300 Working Days
Probable Completion Date: Dec. 15, 1977

Sletten Construction Company, structure subcontractor, started work on this project July 20, 1976. Since that time he has excavated 226 cubic yards of structure excavation making this item 32% complete. 1,312 lineal feet of steel bearing pile were driven or 33% complete. The surfacing subcontractor, Studer Construction Company, began work July 22, 1976, stockpiling aggregate for plant mix seal. The contract as a whole is 1% complete with 14% of contract time elapsed. Construction layout, with a 12-man engineering crew engaged, is 65% complete.

I 94-3 (27) 114 - Hathaway-East & West
Length - 5.6 Miles Grading, Aggregate Surfacing, Plant Mix Bit. Surf., & 244.5' Interchange Structure
Contract Let: October 30, 1975
Proceed Order: April 16, 1976
Amount of Contract: $2,053,896.79
Work Started: January 14, 1976

Wickens Brothers, Contractor
Lewistown, Montana
Delmer F. Borer, Fld. Proj. Mgr. (Roadway)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 200 Working Days
Probable Completion Date: Nov. 15, 1976

Progress during the past period has been good. 60,000 cubic yards of unclassified borrow were moved making a total of 470,000 cubic yards or 52% complete. CSP culvert is 55% complete. The prime contractor worked twenty 9-hour shifts during the past period with 40 men employed. The subcontractor worked ten 8-hour shifts during the past period with 11 men employed placing bridge-rail on the Hathaway Interchange and performing cleanup around structures. Structures as a whole are 97% complete. The project as a whole is 54% complete with 31% of the contract time elapsed. Construction layout, with an eight-man engineering crew engaged, is 75% complete.

RF 156 (15) - 14 Miles No. of Volborg-North
Length - 5.4 Miles Grading, Gravel Surf. and Plant Mix Surfacing
RF 156 (17) - 22.3 Miles SE of Miles City-NW
Length - 13.2 Miles Plant Mix Overlay
Contract Let: April 29, 1976
Proceed Order: May 24, 1976
Amount of Contract: $1,996,750.02
Work Started: July 7, 1976

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: July 15, 1977

Progress during the past period has been poor. Grading operations were started July 21, 1976, with 10,000 cubic yards of unclassified excavation moved since that date or 1% complete. 100 rods of farm fence Type 4W were erected making a total of 550 rods or 18% complete. Crushing and stockpiling of 1" crushed base course was started July 28, 1976. The fencing subcontractor worked ten 8-hour shifts with four men employed. The prime contractor worked ten 9-hour shifts with 26 men employed. The project as a whole is 1% complete with 24% of the contract time elapsed. Construction layout, with a three-man engineering crew engaged, is 65% complete.

BRF 262 (19) - Broadus-Wyoming Line
Construction of a 121.5' Steel & Concrete Girder Bridge & Approaches over the Little Powder River
Contract Let: February 27, 1975
Proceed Order: April 16, 1975
Amount of Contract: $428,992.40
Work Started: June 4, 1975

COP Construction Company, Contractor
Billings, Montana
Robert E. Swanson, Fld. Proj. Manager (Appr.)
Jerry R. Branum, Fld. Proj. Mgr. (Structure)
Broadus, Mt. - Tel. No. 436-2891
Contract Time: 125 Working Days
Probable Completion Date: November 1, 1976

Progress during the past period has been poor. 185.9 rods of farm fence Type F4M were installed making a total of 185.9 rods or 100% complete. The detour is 100% removed. To date all items on this project are 100% complete with the exception of seeding and fertilizing. The contractor worked seven 8-hour shifts with three men employed. The project as a whole is 98% complete with 98% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 99% complete.

RF 407 (6) - Broadus-South
Length - 5.5 Miles Grade, Gravel Surf. & Plant Mix Bit. Surf.; 11.4 Miles Seal & Cover and 29.4 Miles Delineation
Contract Let: May 15, 1975
Proceed Order: June 11, 1975
Amount of Contract: $1,259,213.07
Work Started: July 30, 1975

Earth Builders, Inc., Contractor
Bismarck, North Dakota
Robert E. Swanson, Field Project Manager
Broadus, Montana - Tel. No. 436-2891
Contract Time: 200 Working Days
Probable Completion Date: Nov. 15, 1976

Progress during the past period has been fair. Grading is 100% complete except for minor cleanup. 21,131 tons of 1½" base course were placed making a total of 92,177 tons or 78% complete. 5.688 cubic yards of class "DD" concrete were placed for cutoff walls making a total of 5.688 cubic yards or 44% complete. The contractor worked nine 9-hour shifts with an average of 15 men employed. To date, 5,182 tons of 3/4" top surfacing have been placed or 33% complete. 42.67 tons of MC-70 liquid asphalt have been applied as prime coat or 28% complete. 468 lbs. of seed have been applied or 45% complete. 2,342 lbs. of fertilizer have been applied or 59% complete. The project as a whole is 55% complete with 76% of the contract time elapsed. Construction layout, with an eight-man engineering crew engaged, is 95% complete.

RS 45 (14) - Garland-Miles City
Length - 6.6 Miles Grade, Gravel Surf. and Plant Mix Base Surfacing
Contract Let: April 24, 1975
Proceed Order: May 21, 1975
Amount of Contract: $1,140,419.89
Work Started: May 12, 1975

Joe Mayo & Son, Inc., Contractor
Cavalier, North Dakota
Delmer F. Borer, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 180 Working Days
Probable Completion Date: August 15, 1976

No work was performed on this project during the past period. To date, all items have been completed with the exception of seal and cover. The project as a whole is 92% complete with 84% of the contract time elapsed. Construction layout is 96% complete.

SMP 5599-75 - Maintenance Stockpiles on Various Roads in Custer, Rosebud, & Wibaux Counties
Contract Let: December 18, 1975
Proceed Order: January 9, 1976
Amount of Contract: $101,580.00
Work Started: April 5, 1976

Rock, Inc., Contractor
Great Falls, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 75 Working Days
Probable Completion Date: August 6, 1976

To date, 42,081 tons of Type A top surfacing have been crushed and stockpiled or 100% complete. Crushing and stockpiling was completed June 29, 1976. However, reclamation requirements remain to be completed in Pit Nos. 0920-16 and 5520-12. The project as a whole is 95% complete with 96% of the contract time elapsed.

M 8009 (1) - Signals at Main & 8th Street - Miles City
Contract Let: September 30, 1975
Proceed Order: October 22, 1975
Amount of Contract: $24,447.40
Work Started: April 26, 1976

Miles City Electric Co., Contractor
Miles City, Montana
Colin D. Murray, Field Project Manager
Miles City, Mt. - Tel. No. 232-1093
Contract Time: 45 Working Days
Probable Completion Date: August 15, 1976

No work was performed on this project during the past period. All major items are 100% complete. The project as a whole is 95% complete with 67% of the contract time elapsed. No additional contract time will be charged to this project pending delivery of traffic signal adapters. Construction layout is 100% complete.

Respectfully yours,

Kenneth G. Rapp, P. E.
Supr.-Div. Constr. Section

KGR:DM:djk

cc: Div. File

RECEIVED
AUG 2 1976
CONSTRUCTION BUREAU

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA
July 30, 1976

State of Montana
Department of Highways
Helena, Montana 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period July 17, 1976, through July 30, 1976.

GENERAL

The temperatures varied from 95 degrees above to 38 degrees above zero with 0.38 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

F 8 (19) Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Authorized: 5/26/70
Survey Started: 1/4/71
Survey Completed: 4/5/73

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

Martinsdale-East: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Survey was submitted to Helena on September 18, 1973. Drainage and Irrigation Notes, including field recommendations, were submitted to Helena on September 18, 1973. Additional information will be submitted to the Hydraulics Section, Helena, when grades are adjusted to balance the Project. Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 6% complete with 12 man-days expended to date.

Two Dot-West: Data processing sheets for Run No. 1 were received from the Preconstruction Section in Helena on April 16, 1973. Bridge Situation Surveys were submitted to the Preconstruction Section in Helena on September 18, 1973. Additional information was submitted to the Hydraulics Section, Helena, for their use in designing preliminary recommendations. Design will resume when Hydraulic recommendations are furnished. Tracing Plan and Profile Linens remain 80% complete; plotting templates and computing volumes are 95% complete. The design as a whole is 24% complete with 97 1/2 man-days expended to date.

RS 14 (12) Martinsdale to US 12
Approximate Length: 2.118 Miles
Survey Authorized: 8/30/74
Survey Started: 3/25/76
Survey Completed:

Ross M. Johnson
Field Project Manager
White Sulphur Springs, Montana
Telephone: 547-2100

No work was performed on this project the past reporting period as personnel are presently working on construction projects in the White Sulphur Springs area.

RS 68 (7) PN-Lohse Ferry Bridge and Approaches
Secondary Route 236
Approximate Length: Unknown
Survey Authorized: 5/30/75
Survey Started: Not yet

Unassigned at this time

Authorization to proceed with location along the Alternate "E" Route was received from Helena on June 3, 1975. No crew has been available due to construction schedule. Location will begin when time permits and a crew becomes available.

RF 235 (38) Geyser-Stanford
Approximate Length: 12.51 Miles
Survey Authorized: 1/22/74
Survey Started: 1/6/75
Survey Suspended: 4/7/75
Survey Resumed: 1/22/76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Survey work was suspended January 30, 1976, resumed February 18, 1976, and suspended February 20, 1976. Items and percentage complete are as follows: Centerline, bench levels, and land ownerships 100% complete. Cross-section 95% complete; checking field notes 90% complete; topography 44% complete, section ties 16% complete; plotting cross sections and profile are 12% complete. A total of 397 man-days have been expended and the survey is 82% complete.

F 256 (21) Winnett-East and West
Approximate Length: 6.5 Miles
Survey Authorized: 2/5/72
Survey Started: 3/9/72
Survey Suspended: 5/15/72
Survey Resumed: 3/20/72

Mitch J. Miller, Designer
Lewistown, Montana
Telephone: 538-8732

The Design Public Hearing was held in Winnett on August 28, 1974. All location survey and supporting data was submitted to the Lewistown Division Office on September 11, 1974. The P.I.H. inspection was held May 11, 1976. Twenty man-days were used making P.I.H. changes for 35% complete. The design as a whole is 65% complete with 280 man-days expended to date.

F 256 (35) Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/14/72
Survey Started: 11/25/74

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field Location Survey was suspended January 3, 1975. Work completed to date includes: Obtaining permission to survey permits, land ownerships, flyline, centerline, bench levels established and check levels. Section ties are 30% complete; cross-sections are 15% complete, topography 10% complete; plotting cross-sections and profile are 15% complete. A total of 145 man-days have been expended with the location survey 39% complete.

S 258 (6) Rock Springs-Van Norman
Approximate Length: 14.0 Miles
Survey Authorized: 4/10/73
Survey Started: 9/10/73

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Field notes check and reduced cross-section notes from Station 598+80 to Station 757+24.9 for a total to date of 14.0 miles or 95% complete. Plotting topography and drainage from Station 598+80 to Station 757+24.9 for 14.0 miles or 100% complete; plotting profile from Station 0+00 to Station 757+24.9 for 14.0 miles or 95% complete. A total of 553 man-days have been used and the survey is 95% complete.

DESIGN: Tracing Plan and Profile Linens remain 80% complete. The design as a whole is 5% complete with 19 man-days expended.

ER 72 (15) Armells Creek Slide
Grass Range-Malta
Survey Authorized: 1/22/75
Survey Started: 1/12/76
Survey Completed: 1/28/76

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

A 7-man engineering crew began field location survey on January 12, 1976. Field work was completed January 21, 1976. Survey data was transmitted to Preconstruction in Helena for design on January 29, 1976. Plan in hand was held on May 11, 1976.

ER 72 (21) Melstone-Mosby
Approximate Length: $\pm$ 0.379 Miles
Survey Authorized: 1/27/76
Survey Started:
Survey Completed:

Unassigned at this time

Geology Department started and completed foundation core drilling February 25, 1976. No location work has begun on this project. Survey work will be accomplished when a field survey crew becomes available.

ER 72 (23) Lewistown-Southeast Fergus County
Approximate Length: 0.445 Miles
Survey Authorized: 12/31/75
Survey Started: 7/20/76
Survey Completed:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8732

Work began on the project July 20, 1976. Four men worked 2 days setting centerline control points and running centerline from Station 284+00 to Station 307+50. Five men worked 1 day running bench levels and check levels from Station 284+00 to Station 313+83.6, and taking topography from Station 284+00 to Station 290+00. Centerline ran, and bench marks set, and levels run and checked are 100% complete. Topography is 03% complete. A total of 13 man-days have been expended and the location survey is 10% complete.

SRS 4148 (52) Various Locations
Grade Crossing Signals
Off-System

Detailed drawings of the Grade Crossing at Stanford, Windham, and Central Avenue, Lewistown, have been sent to the R/W Bureau for further processing.

CONSTRUCTION

RF 8 (22) White Sulphur Springs-Harlowton
Length: 6.935 Miles
Grade, Gravel, Plant Mix Surface and Drain
Meagher County
Contract Awarded: 10/3/74
Bid Price: $1,766,953.86
Work Started: 5/13/75

Hilde Construction Co. and
Maronick Construction (JV)
Great Falls, Montana
Ross M. Johnson
Field Project Manager
White Sulphur Springs, Montana
Telephone: 547-2100
Contract Time: 180 Working Days
Prob. Compl. Date: 8/1/76

Progress the past 2 weeks has been fair. The contractors, Hilde and Maronick, worked 1 day with 24 men employed, completing Plant Mix operations on July 15, 1976, using a total of 26,688 tons of Plant Mix Bituminous Surfacing, 1,618.7 tons of 120-150 Asphalt Cement, and 334.1 tons of Fly Ash making those items 100% complete.
The sub-contractor, Mark Rite Lines, Inc., moved on the project July 20, 1976, employing 3 men completing striping operation.
The sub-contractor, Western Signs, Inc., moved on the project July 26, 1976, with 7 men employed. The contractor worked four 9-hour shifts this past week installing 2,750 lineal feet of guardrail making this item 100% complete. Installing 245 delineators making this item 100% complete.
The project as a whole is approximately 93% complete with 86% of the contract time elapsed.
A 7-man engineering crew is assigned to this project for project inspection and construction layout.

U-RF 103 (15) Lewistown-North
Length: 2.7 Miles
Grading, Aggregate Surface, Plant Mix Bit., Surfacing, Sewer Installation
Signing, Lighting and a 40.0 Prestressed Concrete Bridge over Spring Creek
Contract Let: 4/1/76
Bid Price: $1,820,322.90
Work Started: 5/24/76

Washington Construction Co.
P. O. Box 1502
Missoula, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 160 Working Days
Prob. Compl. Date: 8/1/77

Progress the past 2 weeks has been fair. 30,000 cubic yards of Unclassified Excavation were moved for a total to date of 131,000 cubic yards or 65% complete; 250 lineal feet of small drainage pipe were placed making a total to date of 1,150 lineal feet or 95% complete; 24 lineal feet of large drainage culvert were placed for a total of 340 lineal feet or 100% complete; 1,190 lineal feet of 18 inch RCP sewer line were placed for a total to date of 1,800 lineal feet or 79% complete; and 7,470 tons of 1 1/2 inch TA CBC Gr-5 were placed on roadway for 13% complete.
Prime contractor worked four 10-hour shifts and five 9-hour shifts with 16 men employed. Hauling gravel from Carter Gravel Stockpile source began on July 22, 1976, with 10 men employed working four 8-hour shifts and one 4-hour shift.
Sub-contractor, Falls Construction Co., worked five 10-hour shifts, three 9-hour shifts, and one 8-hour shift with 14 men employed.
The project as a whole is 24% complete with 30% of the contract working days expended. Construction layout with a 12-man engineering crew assigned for construction inspection and supervision.

BRIDGE: The sub-contractor, F. L. Flynn and Co., has moved onto the project and has begun to prepare the site, and will begin work July 30, 1976, driving sheet piling to allow excavation for footings. A total of 5 men will be engaged in this phase of the project. The bridge is 0% complete.

RF 138 (8) Roundup-North
Project Length: 6.2 Miles
Grade, Gravel, Plant Mix Surfacing, Bridge
Contract Awarded: 5/24/76
Work Started: 7/1/76
Contract Amount: $2,033,972.96

Zook Brothers Construction Co.
Great Falls, Montana
Robert A. Passow
Field Project Manager (Road)
Albert G. Reather
Field Project Manager (Bridge)
Roundup, Montana
Telephone: 323-2040
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

The contractor, Zook Brothers Construction Co., has begun construction operations on the project, but progress has been slow due to confinement of work area and equipment breakdown. Fifteen men have worked two 8-hour shifts and five 10-hour shifts. Subgrade for detour at bridge site Station 380+13 is complete. Stock dam right of Station 507+00 has been completed. Grading

operations between Station 420+00 and Station 520+00 have begun. Equipment being used is 1-TS-25 Cat with ripper, 2-651 Scrapers, 1-D 8 Cat and disk, 1-Sheepsfoot Roller, 1-Water Truck, 1-TD 15 Dozer, and 1-#16 Patrol. 248 feet of 24 inch RCP Drains have been installed at Station 475+45 and Station 490+20. Equipment with pipe crew is 1-988 Loader, 1-P and H Backhoe, Wackers, and 1-Boom Truck. Culvert installation is 1% complete. 9,800 cubic yards of topsoil has been stockpiled between Station 375+00 and Station 520+00. Topsoil stripping is 20% complete. Trenches were dug along the creek bottom right of Station 390+00 for water with good results, as the water depth has been staying at about 6 feet.

Swan and Sons Fencing, sub-contractor, has made good progress with 10 men working ten 8-hour shifts. Fencing is complete on right side between Station 322+94.8 and Station 644+50. Fence completed on left side between Station 319+85 and Station 386+00, Station 534+60 and Station 560+00, and Station 573+93.9 and Station 583+50. F2W fence is 85% complete, F4W fence is 61% complete, single panels are 67% complete, and corner panels are 55% complete. 78 rods of temporary fence has been built and 4 hours of Dozer Hours have been used.

The temperature has ranged between +50° to +104°. The only moisture received was rain showers amounting of 0.23 inches.

RF 157 (26) U-1 Cohagen-North
4.337 Miles Grading, Aggregate
Surfacing, Plant Mix Bituminous
Surfacing and Signing
Contract Let: 5/15/75
Bid Price: $739,065.95
Work Started: 6/23/75

Neshem-Peterson, Inc., Contr.
Berthold, North Dakota
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8732
Contract Time: 200 Working Days
Prob. Compl. Date: 10/20/76

The prime contractor, Neshem-Peterson, Inc., was issued a conditional completion of the project as of May 21, 1976, pending the seeding of approximately 2 acres of the Zook Gravel Pit, which will not be completed until after October 15, 1976, due to the high water table present in the pit area.

The project as a whole is 99% complete with 118 days used as of May 21, 1976. The final and supporting data is being checked in the Division Office.

RS 49 (10) Fort Logan-White Sulphur Springs
0.9 Miles Structure and Approaches
Contract Let: 11/14/74
Contract Awarded: 11/15/74
Bid Price: $426,589.77
Work Started: 12/10/74

Sletten Construction Co.
Great Falls, Montana
Ross M. Johnson
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Telephone: 547-2100
Contract Time: 150 Working Days
Prob. Compl. Date: 8/1/76

Progress the past 2 weeks has been fair. The sub-contractor, Kraus Construction, moved onto the project July 16, 1976. Work consisted of stacking, processing, and laying roadmix material making this item 100% complete.

Installation of R/W monuments, completing this item, sealing and signing will be accomplished in the next 2 weeks. The project as a whole is approximately 91% complete with 81% of the contract time elapsed.
One man is assigned to project inspection.

ROS 268 (9) Ryegate-East
Grade and Surface, Guardrail
Work Authorized: 9/8/75
Estimated Contract Amount: $14,374.85
Work Began: 11/13/75

D.O.H. Field Maintenance
Lewistown, Montana
Martin C. VanMil
Field Project Manager
Ryegate, Montana
Telephone: 568-2208
Contract Time: 30 Working Days
Compl. Date: 5/25/76

Final inspection was made June 4, 1976, by R. W. Freeman, P. E., Supervisor, Division Construction Section. Final estimate is being checked in the Division Office and will be submitted to Helena Construction Bureau by August 15, 1976.

RS 71 (6) Ryegate-South
Gravel, Plant Mix Base and Stripe
Contract Awarded: 4/29/76
Contract Amount: $424,429.54
Contract Time: 90 Working Days
Work Started: 5/20/76

R. J. Studer and Sons
P. O. Box 20204
Billings, Montana
Martin C. VanMil
Field Project Manager
Ryegate, Montana
Telephone: 568-2208
Prob. Compl. Date: 10/31/76

Progress during the past reporting period has been fair. The contractor, R. J. Studer and Sons, worked ten 9-hour shifts with an average of 6 men employed. Work consisted of placing 11.55 tons of MC-70 prime oil between Station 439+00 and Station 732+20 for approaches, for a total to date of 116.45 tons or 100% complete. Contractor working on the miscellaneous work item cleaning pipes, etc., for a total to date of 90% complete and assembling a new drum dryer type hot mix asphalt plant.
Contractor plans to start plant mix operations on or about August 5, 1976. The project as a whole is 34.7% complete with 52.2% of the contract time elapsed. Construction layout is 95% complete with a 6-person engineering crew assigned to the project.

RS 444 (3) Utica-Windham
Length: 10.7 Miles
Grade, Gravel, Plant Mix Base
Contract Awarded: 5/28/76
Contract Amount: $1,874,234.66
Work Not Started

Hilde Construction Co. and
Maronick Construction Co. (JV)
East Helena, Montana
Bruce H. Barrett
Field Project Manager
Hobson, Montana
Telephone: 423-5327
Contract Time: 180 Working Days
Prob. Compl. Date: 9/15/77

A 7-man engineering crew worked the past reporting period staking pipe, plotted cross sections for culvert installations, engineering work on major road approaches and began resetting R/W and slope stakes that were destroyed by harvest operations.
The cross-section notes were transmitted to the Construction Bureau on July 23, 1976, for key punching and quantity determination.
Overall construction layout is 68% complete with 7 engineering personnel assigned to the project.
The contractor began moving equipment on the project July 28, 1976, and plans to commence operations on or about August 3, 1976.
The project is 0% complete with 14% of the contract time elapsed.

RS 450 (3) Denton-North
6.4 Miles Grading, Aggregate Surface
Plant Mix Surfacing, Drain, Seal and
Cover, Signing and Construct 85.0
Prestressed Concrete Bridge
Fergus County
Contract Awarded: 3/31/76
Contract Amount: $1,001,089.52
Work Started: 4/19/76

Zook Bros. Construction Co.
P. O. Box 2025
Great Falls, Montana
Carl W. Park
Field Project Manager (Road)
Dale E. DeVore
Field Project Manager (Bridge)
Lewistown, Montana
Telephone: 538-8732
Contract Time: 175 Working Days
Prob. Compl. Date: 11/1/76

Progress the past 2 weeks has been fair. 35,000 cubic yards of Unclassified Excavation were moved, completing a grade raise from Station 265+00 to Station 320+00, making a total to date of 295,000 cubic yards or 95% complete; small and large drainage structures are 100% complete; 132 lineal feet of approach culvert were placed for a total to date of 1,996 lineal feet or 96% complete. Production of 1 1/2 inch TACBC material from Spika Gravel Pit will begin on August 2, 1976.
Contractor worked eight 10-hour shifts and one 8-hour shift with 16 men employed. The project as a whole is 37% complete with 27% of the contract working days expended. A 7-man engineering crew is engaged in construction supervision and inspection with construction layout 100% complete.

BRIDGE: The sub-contractor, Mackin Construction Co., has made good progress. The deck forming is complete and the re-steel is in place for the deck. The contractor plans on placing concrete for the deck Monday or Tuesday, August 2nd, or 3rd, 1976. The sub-structure is 100% complete, the AD Concrete is 40% complete, the re-steel is 90% complete, and the structural steel is 75% complete. Five ironworkers worked two 8-hour shifts, and 5 other employees worked ten 8-hour shifts this past period. The structure is 65% complete.

Respectfully submitted,

R. W. Freeman, P.E., Supervisor
Division Construction Section
Lewistown

RWF/JHP/llg

DIRECT PARTICIPATION

FEDERAL HIGHWAY ADMINISTRATION

AUGUST 2, 1976

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

August 2, 1976

Project	Location	Length	Type Work	Percent Time Used	% Work Completed and Estimated Completion Date	Contractor and Contract Amount
BHC 1(3)	Big Horn Canyon National Recreation Area	9.65	Grading, PMS	2	1 Awarded May 5, 1976, Proceed Order May 24, 1976	R. J. Studer & Sons $2,759,751.00
FHP 43-1(4)	Yellowstone Canyon Highway - Bridge over Yellowstone River and Gardiner Street	1.362	Grading, Base, PMS, Bridge Widening	91	97 Aug. 1976	Weyher Construction Co. $1,515,936.36
FHP 60-1(1)	Raynolds Pass	8.4	Bituminous Plant Mix Paving	90	23 July 1976	Baltrusch Construction $277,050
FH 45-3(2)	Madison River Highway in West Yellowstone	0.675	Grading, PMS	19	100 Sept.1976 Final Inspection July 7, 1976	Robert Burggraf Co. $580,025